

## Recombinant Human HMG20B Protein, GST-tagged

**Cat. No.** HMG20B-4859H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Human HMG20B full-length ORF ( NP_006330.2, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | HMG20B (High Mobility Group 20B) is a Protein Coding gene. Among its related pathways are Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 and Factors involved in megakaryocyte development and platelet production. GO annotations related to this gene include protein heterodimerization activity and chromatin binding. An important paralog of this gene is HMG20A. |
| <b>Molecular Mass</b>   | 62.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MSHGPKQPGAAAAPAGGKAPGQHGGFVTVKQERGEGPRAGEKGSHEEPPVKKR<br>GWPKGKKRKKILPNGPKAPVTGYVRFLNERREQIRTRHPDLPFPEITKMLGAEWSKL<br>QPTEKQRYLDEAEREKQQYMKELRAYQQSEAYKMCTEKIQEKKIKKEDSSSGLMNT<br>LLNGHKGGDCDGFSTFDVPIFTEEFLDQNKAREAE LRRLRKMNVAFEEQNAVLQRH<br>TQSMSSARERLEQELALEERRTLALQQQLQAVRQALTASFASLPVPGTGETPTLTGL<br>DFYMARLHGAIERDPAQHEKLIVRIKEILAQVASEHL                                                                        |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                                                |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>        | HMG20B high mobility group 20B [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b>  | HMG20B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>         | HMG20B; high mobility group 20B; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related; BRAF25; BRAF35; HMG box domain containing 2; HMGX2; HMGXB2; SMARCE1r; SOXL; SMARCE1-related protein; high-mobility group 20B; BRCA2-associated factor 35; HMG box-containing protein 20B; HMG domain-containing protein 2; Sox-like transcriptional factor; HMG domain-containing protein HMGX2; structural DNA-binding protein BRAF35; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E, member 1-related; PP7706; pp8857; FLJ26127; |
| <b>Gene ID</b>          | 10362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>      | NM_006339                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>   | NP_006330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>              | 605535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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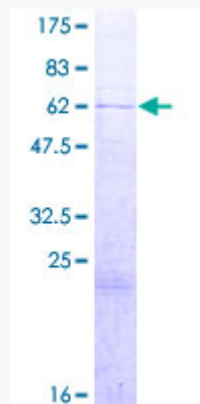
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UniProt ID

Q9P0W2

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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