

## Recombinant Human HMGA2, GST-tagged

**Cat. No.** HMGA2-13840H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HMGA2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-108a.a.                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HMGA2 high mobility group AT-hook 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | HMGA2                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | HMGA2; high mobility group AT-hook 2; high mobility group (nonhistone chromosomal) protein isoform I C , HMGIC; high mobility group protein HMGI-C; BABL; LIPO; High-mobility group protein HMGI-C; high mobility group AT-hook protein 2; high-mobility group (nonhistone chromosomal) protein isoform I-C; HMGIC; |

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|                            |                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | HMGI-C; STQTL9;                                                                                                                                                                                                                                                 |
| <b>Gene ID</b>             | 8091                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_003483                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_003474                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | 600698                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | P52926                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 12q15                                                                                                                                                                                                                                                           |
| <b>Pathway</b>             | Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;                                                                                                                             |
| <b>Function</b>            | 5-deoxyribose-5-phosphate lyase activity; AT DNA binding; AT DNA binding; C2H2 zinc finger domain binding; DNA binding; DNA binding; DNA binding, bending; DNA binding, bending; DNA-(apurinic or apyrimidinic site) lyase activity; DNA-dependent protein kina |

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