

## Recombinant Human GMCL1 Protein, GST-tagged

**Cat. No.** GMCL1-5003H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GMCL1 full-length ORF ( NP_848526.1, 1 a.a. - 515 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a nuclear envelope protein that appears to be involved in spermatogenesis, either directly or by influencing genes that play a more direct role in the process. This multi-exon locus is the homolog of the mouse and drosophila germ cell-less gene but the human genome also contains a single-exon locus on chromosome 5 that contains an open reading frame capable of encoding a highly-related protein. [provided by RefSeq]                                                                    |
| <b>Molecular Mass</b>   | 85.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p> MGSLSRVLRQPRPALAQQQAQGARAGGSARRPDTGDDAAGHGFCYCAGSHKRKR<br/> SSGSFCYCHPDSETDEDEEEGDEQQRLLNTPRRKCLKSTSKYIYQTLFLNGENSDIK<br/> ICALGEEWSLHKIYLCQSGYFSSMFSGSWKESSMNIELEIPDQNIQVEALQVAFGSL<br/> YRDDVLKPSRVVAILAAACLLQLDGLIQQCGETMKETVNVKTVCGYYTSAGTYGLD<br/> SVKKKCLEWLLNNLMTHQNVELFKELSINVMKQLIGSSNLFVMQVEMDIYTALKKWM<br/> FLQLVPSWNGSLKQLLTETDVWFSKQRKDFEGMAFLETEQGKPFVSVFRHLRLQYII<br/> SDLASARIIEQDAVVPSEWLSSVYKQQWFAMLRAEQDSEVGPQEINKEELEGNSMR<br/> CGRKLAKDGEYCWRWTGFNFGFDLLVITYTNRYIIFKRNTLNQPCSGSVSLQPRRSIA </p> |

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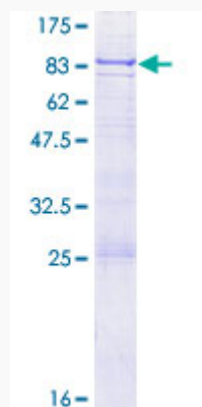
|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
|                         | FRLRLASFDSSGKLICSRTTGYQILTLEKDQEQVVMNLDSRLLIFFLYICCNFLYISPEK<br>KN                                                |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>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 -80 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>        | GMCL1 germ cell-less, spermatogenesis associated 1 [ Homo sapiens ]                                               |
| <b>Official Symbol</b>  | GMCL1                                                                                                             |
| <b>Synonyms</b>         | GCL; GCL1; BTBD13; GMCL1; germ cell-less, spermatogenesis associated 1                                            |
| <b>Gene ID</b>          | 64395                                                                                                             |
| <b>mRNA Refseq</b>      | NM_178439                                                                                                         |
| <b>Protein Refseq</b>   | NP_848526                                                                                                         |
| <b>UniProt ID</b>       | Q96IK5                                                                                                            |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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