

# Recombinant Full Length Human GMCL1 Protein, GST-tagged

**Cat. No.** GMCL1-5367HF    **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>	In Vitro Cell Free System
<b>ProteinLength</b>	515 amino acids
<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>MGSLSSRVLRQPRPALAQQAQGARAGGSARRPDTGDDAAGHGFCYCAGSHKRKR  SSGSFCYCHPDSETDEDEEEEGDEQQRLLNTPRRKCLKSTSKYIYQTLFLNGENSDIK  ICALGEEWSLHKKIYLCQSGYFSSMFSGSWKESSMNIIELEIPDQNIQVAFGSL  YRDDVLIKPSRVVAILAAACLLQLDGLIQQCGETMKETVNVKTVCGYYTSAGTYGLD  SVKKKCLEWLLNLMTHQNVELFKELSNVMMKQLIGSSNLFVMQVEMDIYTALKKWM  FLQLVPSWNGSLKQLLTETDVWFSKQRKDFEGMAFLETEQGKPFVSVFRHLRLQYII  SDLASARIIEQDAVVPSEWLSSVYKQQWFAMLRAEQDSEVGPQEINKEELEGNSMR</p>

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CGRKLAKDGEYCWRWTGFNFGFDLLVITYTNRYYIIFKRNTLNQPCSGSVSLQPRRSIA  
 FRLRLASFDSSGKLCISRTTGYQILTLEKDQEQVVMNLDSRLLIFPLYICCNFLYISPEK  
 KN

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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.

## GENE INFORMATION

<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>MIM</b>	618627

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UniProt ID

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