

Recombinant Full Length Human GMCL1 Protein, GST-tagged

Cat. No. GMCL1-5367HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GMCL1 full-length ORF (NP_848526.1, 1 a.a. - 515 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	515 amino acids
Description	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]
Molecular Mass	85.1 kDa
AA Sequence	MGSLSSRVLRQPRPALAQQAQGARAGGSARRPDTGDDAAGHGFCYCAGSHKRKR SSGSFCYCHPDSETDEDEEEGDEQQRLLNTPRRKKLKSTSKYIYQTLFLNGENSDIK ICALGEEWSLHKIYLCQSGYFSSMFSGSWKESSMNIIEIPDQNIDVEALQVAFGSL YRDDVLIKPSRVVAILAAACLLQLDGLIQQCGETMKETVNVKTVCGYYTSAGTYGLD SVKKKCLEWLLNNLMTHQNVELFKELSINVMMKQLIGSSNLFVMQVEMDIYTALKKWM FLQLVPSWNGSLKQLLTETDVWFSKQRKDFEGMAFLETEQGKPFVSVFRHLRLQYII SDLASARIIEQDAVVPSEWLSSVYKQQWFAMLRAEQDSEVGPQEINKEELEGNSMR

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CGRKLAKDGEYCWRWTGFNFGFDLLVTYTNRYIIFKRNTLNQPCSGSVSLQPRRSIA
FRLRLASFDSSGKLICSRRTTGYQILTLEKDQEQVVMNLDSRLLIFFLYICCNFLYISPEK
KN

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GMCL1 germ cell-less, spermatogenesis associated 1 [Homo sapiens]

Official Symbol

GMCL1

Synonyms

GCL; GCL1; BTBD13; GMCL1; germ cell-less, spermatogenesis associated 1

Gene ID

64395

mRNA Refseq

NM_178439

Protein Refseq

NP_848526

MIM

618627

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UniProt ID

Q96IK5

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