

## Recombinant Human GCM1, His-tagged

Cat. No. GCM1-13196H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GCM1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-259a.a.
<b>Description</b>	This gene encodes a member of the GalNAc polypeptide N-acetylgalactosaminyltransferases. These enzymes catalyze the first step in the synthesis of mucin-type oligosaccharides. These proteins transfer GalNAc from UDP-GalNAc to either serine or threonine residues of polypeptide acceptors. The protein encoded by this locus may have increased catalytic activity toward glycosylated peptides compared to activity toward non-glycosylated peptides.
<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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

**Gene Name** GCM1 glial cells missing homolog 1 (Drosophila) [ Homo sapiens ]

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<b>Official Symbol</b>	GCM1
<b>Synonyms</b>	GCM1; glial cells missing homolog 1 (Drosophila); GCMA, glial cells missing (Drosophila) homolog a; chorion-specific transcription factor GCMA; hGCMA; GCM motif protein 1; GCMA;
<b>Gene ID</b>	<a href="#">8521</a>
<b>mRNA Refseq</b>	<a href="#">NM_003643</a>
<b>Protein Refseq</b>	<a href="#">NP_003634</a>
<b>MIM</b>	<a href="#">603715</a>
<b>UniProt ID</b>	<a href="#">Q9NP62</a>
<b>Chromosome Location</b>	6p21-p12
<b>Function</b>	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; transcription factor binding; zinc ion binding;

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