

Recombinant Human GCM1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GCM1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-259a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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Official Symbol	GCM1
Synonyms	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;
Gene ID	8521
mRNA Refseq	NM_003643
Protein Refseq	NP_003634
MIM	603715
UniProt ID	Q9NP62
Chromosome Location	6p21-p12
Function	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; transcription factor binding; zinc ion binding;

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