

Recombinant Full Length Human GCNT3 Protein, GST-tagged

Cat. No. GCNT3-5188HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GCNT3 full-length ORF (NP_004742.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	438 amino acids
Description	This gene encodes a member of the N-acetylglucosaminyltransferase family. The encoded protein is a beta-6-N-acetylglucosamine-transferase that catalyzes the formation of core 2 and core 4 O-glycans on mucin-type glycoproteins
Molecular Mass	77.3 kDa
AA Sequence	MVQWKRLCQLHYLWALGCYMLLATVALKLSFRLKCDSHDLGLESRESQSQYCRNIL YNFLKLPKRSINCSGVTRGDQEAVLQAILNNLEVKKKREPFTDTHYLSLTRDCEHFK AERKFIQFPLSKEEVEFPIAYSMVIHEKIENFERLLRAVYAPQNIYCVHVDEKSPETFK EAVKAIISCFPNVFIASKLVRVYASWSRVQADLNCMEDLLQSSVPWKYFLNTCGTD FPIKSNAEMVQALKMLNGRNSMESEVPPKHKETRWKYHFEVVRDTLHLTNKKKDP PYNLTMFTGNAYIVASRDFVQHVLKNPKSQQLIEWVKDTYSPDEHLWATLQRARWM PGSVPNHPKYDISDMTSIARLVKWQGHEGDIDKGAPYAPCSGIHQRAICVYGAGDLN WMLQNHLLANKFDPKVDDNALQCLEEYLRKAIYGTTEL
Applications	Enzyme-linked Immunoabsorbent Assay

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

	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	GCNT3 glucosaminyl (N-acetyl) transferase 3, mucin type [Homo sapiens]
Official Symbol	GCNT3
Synonyms	GCNT3; glucosaminyl (N-acetyl) transferase 3, mucin type; beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3; C2/4GnT; C2GnT M; C2GnT2; hC2GnT-M; C2GnT-mucin type; beta1,6GlcNAc-transferase; beta1,6-N-acetylglucosaminyltransferase-M; core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase; GNTM; C24GNT; C2GNT2; C2GNTM;
Gene ID	9245
mRNA Refseq	NM_004751
Protein Refseq	NP_004742
MIM	606836

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UniProt ID

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