Recombinant Human GCNT3 Protein, GST-tagged

Cat. No. GCNT3-4807H **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	Wheat Germ
Description	This gene encodes a member of the N-acetylglucosaminyltransferase family. The enc oded 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	MVQWKRLCQLHYLWALGCYMLLATVALKLSFRLKCDSDHLGLESRESQSQYCRNIL YNFLKLPAKRSINCSGVTRGDQEAVLQAILNNLEVKKKREPFTDTHYLSLTRDCEHFK AERKFIQFPLSKEEVEFPIAYSMVIHEKIENFERLLRAVYAPQNIYCVHVDEKSPETFK EAVKAIISCFPNVFIASKLVRVVYASWSRVQADLNCMEDLLQSSVPWKYFLNTCGTD FPIKSNAEMVQALKMLNGRNSMESEVPPKHKETRWKYHFEVVRDTLHLTNKKKDPP PYNLTMFTGNAYIVASRDFVQHVLKNPKSQQLIEWVKDTYSPDEHLWATLQRARWM PGSVPNHPKYDISDMTSIARLVKWQGHEGDIDKGAPYAPCSGIHQRAICVYGAGDLN WMLQNHHLLANKFDPKVDDNALQCLEEYLRYKAIYGTEL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

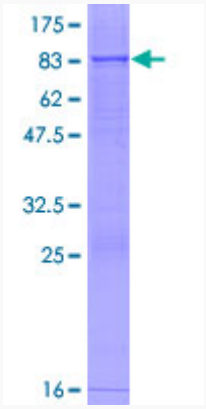
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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
UniProt ID	O95395

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

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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