

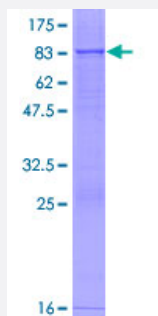
Full-Length

GCNT3 (Human) Recombinant Protein (P01)

Catalog # H00009245-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GCNT3 full-length ORF (NP_004742.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVQWKRLCQLHYLWALGCYMLLATVALKLSFRLKCDSHGLGLESRESQSQYCRNILYNFLKLP
AKRSINCSGVTRGDQEAVLQAILNNLEVKKKREPFTDTHYLSLTRDCEHFKAERKFIQFPLSKEEVEF
PIAYSMVIHEKIENFERLLRAVYAPQNIYCVHVDEKSPETFKEAVKAIISCFPNVFIASKLVRV
VYASWSRVQADLNCMEDLLQSSVPWKYFLNTCGTDFPIKSNAEMVQALKMLNGRNSMESEVPPKHKE
TRWKYHFEVVRDTLHLTNKKKDPYPYNTMFTGNAYIVASRDFVQHVLKNPKSQQLIEWVKDTYS
PDEHLWATLQARWMPGSPVNPHPKYDISDMTSIARLVKWQGHEGDIDKGAPYAPCSGIHQRAICV
YGAGDLNWMLQNHLLANKFDPKVDDNALQCLEEYLRKAIYGTGL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.3

Interspecies Antigen Sequence

Mouse (76); Rat (77)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — GCNT3

Entrez GeneID	9245
GeneBank Accession#	NM_004751.1
Protein Accession#	NP_004742.1
Gene Name	GCNT3
Gene Alias	C2/4GnT, C2GnT-M, C2GnT2, GnT-M
Gene Description	glucosaminyl (N-acetyl) transferase 3, mucin type
Omim ID	606836
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	OTTHUMP00000163601 beta1,6-N-acetylglucosaminyltransferase

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)