

Recombinant Human GALNT10 Protein, His-tagged

Cat. No. GALNT10-753H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GALNT10 (NP_938080.1) (Thr39-Asn603) was expressed with an N-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	39-603 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human GALNT10 comprises 584 amino acids and has a predicted molecular mass of 67 kDa. The apparent molecular mass of the protein is approximately 63.5 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

GALNT10 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 10 (GalNAc-T10) [Homo sapiens]

Official Symbol

[GALNT10](#)

Synonyms

GALNACT10; PPGALNACT10; PPGANTASE10

Gene ID

[55568](#)

mRNA Refseq

[NM_198321.3](#)

Protein Refseq

[NP_938080.1](#)

MIM

[608043](#)

UniProt ID

[Q86SR1](#)

**Chromosome
Location**

5q33.2

Pathway

Metabolism of proteins, organism-specific biosystem;Mucin type O-Glycan biosynthesis, organism-specific biosystem;Mucin type O-Glycan biosynthesis, conserved biosystem;O-glycan biosynthesis, mucin type core, organism-specific biosystem;O-glycan biosynthesis, mucin type core, conserved biosystem;O-linked

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glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem;

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