Recombinant Human GALNT7 Protein, His-tagged

Cat. No. GALNT7-660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GALNT7 (NP_059119.2) (Pro30-Val657) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	30-657 a.a.
Predicted N Terminal	Pro 30
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human GALNT7 consists 639 amino acids and predicts a molecular mass of 73.6 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GALNT7 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7) [Homo sapiens]
Official Symbol	GALNT7
Synonyms	GalNAcT7; GALNAC-T7
Gene ID	51809
mRNA Refseq	NM_017423.2
Protein Refseq	NP_059119.2
MIM	605005
UniProt ID	Q86SF2
Chromosome Location	4q31.1
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 glycosylation of mucins, organism-specific biosystem;Post-translational protein modification, organism-specific biosystem;

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