

## Active Recombinant Human GALNT11 Protein, His-tagged

Cat. No. GALNT11-001H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Polypeptide GalNAc Transferase 11/GALNT11 protein (Phe30-Gly608) with C-terminal 6-His tag was expressed in Chinese Hamster Ovary cell line.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	30-608 a.a.
<b>Description</b>	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Displays the same enzyme activity toward Muc1, Muc4.1, and EA2 than GALNT1. Does not appear to be involved in glycosylation of erythropoietin.
<b>Predicted N Terminal</b>	Phe30
<b>Bio-activity</b>	Measured by its ability to transfer GalNAc from UDP-GalNAc to peptide EA2 from AnaSpec, Inc. The specific activity is >75 pmol/min/μg.
<b>Molecular Mass</b>	66 kDa
<b>Endotoxin</b>	<1.0 EU per 1 μg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

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**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.  
6 months from date of receipt, -20 to -70 centigrade as supplied.  
3 months, -20 to -70 centigrade under sterile conditions after opening.

**Storage Buffer** Supplied as a 0.2 µm filtered solution in Tris and NaCl.

**Shipping** The product is shipped with polar packs.

## GENE INFORMATION

**Gene Name** [GALNT11 polypeptide N-acetylgalactosaminyltransferase 11 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [GALNT11](#)

**Synonyms** EC 2.4.1.41; FLJ21634; GalNAc-T11; GALNT11; MGC71630; Polypeptide GalNAc transferase 11; polypeptide N-acetylgalactosaminyltransferase 11; Pp-GaNTase 11; Protein-UDP acetylgalactosaminyltransferase 11; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 11; UDP-N-acetyl-alpha-D-galactosamine:polypeptideN-acetylgalactosaminyltransferase 11 (GalNAc-T11)

**Gene ID** [63917](#)

**mRNA Refseq** [NM\\_022087](#)

**Protein Refseq** [NP\\_071370](#)

**MIM** [615130](#)

**UniProt ID** [Q8NCW6](#)

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