

# Recombinant Human GALNTL1 Protein (His Tag)

Catalog Number:PKSH032478



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

### Synonyms

Putative Polypeptide N-Acetylgalactosaminyltransferase-Like Protein 1;Polypeptide GalNAc Transferase-Like Protein 1;GalNAc-T-Like Protein 1;pp-GaNTase-Like Protein 1;Protein-UDP Acetylgalactosaminyltransferase-Like Protein 1;UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase-Like Protein 1;GALNTL1;KIAA1130

### Species

Human

### Expression Host

HEK293 Cells

### Sequence

Asp27-Thr558

### Accession

Q8N428

### Calculated Molecular Weight

61.0 kDa

### Observed molecular weight

62-65 kDa

### Tag

C-His

## Properties

### Purity

> 95 % as determined by reducing SDS-PAGE.

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method.

### Storage

Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

### Shipping

This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

### Formulation

Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.

### Reconstitution

Not Applicable

## Background

Putative polypeptide N-acetylgalactosaminyltransferase-like protein 1, also known as Polypeptide GalNAc transferase-like protein 1, Protein-UDP acetylgalactosaminyltransferase-like protein 1, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 1, GalNAC-T-like protein 1, pp-GaNTase-like protein 1 and GALNTL1, belongs to the glycosyltransferase 2 family. GALNTL1 plays an important role in the protein modification and protein glycosylation process. GALNTL1 uses the manganese and calcium ion as a cofactor, may catalyze the initial reaction in O-linked oligosaccharide biosynthesis, transfers the N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor.

## For Research Use Only

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