

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.

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