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Datasheet for ABIN7318525 **GALNTL1 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	GALNTL1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNTL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GALNTL1 Protein (His Tag)
Sequence:	Asp27-Thr558
Characteristics:	Recombinant Human Putative Polypeptide N-Acetylgalactosaminyltransferase-Like Protein 1 is produced by our Mammalian expression system and the target gene encoding Asp27-Thr558 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	GALNTL1
Alternative Name:	GALNTL1 (GALNTL1 Products)
Background:	Background: Putative polypeptide N-acetylgalactosaminyltransferase-like protein 1, also known as Polypeptide GalNAc transferase-like protein 1, Protein-UDP acetylgalactosaminyltransferase-

Target Details

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.

Synonym: 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

Molecular Weight: 61.0 kDa

UniProt: [Q8N428](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 7.5.

Storage: -20 °C

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