

32-7693: Recombinant Human GALNTL1 (C-6His)

Gene : GALNT16

Gene ID : 57452

Uniprot ID : Q8N428

Description

Source: Human Cells.

MW :61kD.

Recombinant Human GALNTL1 is produced by our Mammalian expression system and the target gene encoding Asp27-Thr558 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,pH7.5.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : DNRAHAASSGGRGAQRAGRRSEQLREDRTIPLIVTGTSPKGFDEKAYLSAKQLKAGEDPYRQHAFNQLESKLS
SPDRPIRDTRHYSCPSVSYSSDLPATSVIITFHNEARSTLLRRTVKSVLNRTPANLIQEIIILVDDFSSDPEDCLLLTRIP
KVKCLRNDREGLIRSRVARGADVAAATVLTFLDSHCEVNTEWLPMLQRVKEDHTRVVSPIIDVISLDFAYLA
ASADLRGGFDWSLHFKWEQIPLEQKMTRTDPTRPIRTPVIAGGIFVIDKSWFNHLGKYDAQMDIWGGENFELS
FRVWMCSSLEIVPCSRVGHVFRKRHPYNFPEGNALTIRNTKRRTAEVWMDEYKQYYEARPSAIGKAFGSVA
TRIEQRKMNCKSFRWYLENVYPELTPVKEALPGIIKQGVNCLSQGQNTAGDFLLGMGICRGS AKNPQPAQ
AWLFSDHLIQQGGKCLAATSTLMSSPGSPVILQMCNPREGKQKWRKGSFIQHSVSGLCLETKPAQLVTSKCC
ADAQAQQWQLLPHTVDHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.