

Recombinant Full Length Human GALNT18 Protein, GST-tagged

Cat. No. GALNT18-5368HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALNTL4 full-length ORF (BAG51470.1, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	607 amino acids
Description	GALNT18 (Polypeptide N-Acetylgalactosaminyltransferase 18) is a Protein Coding gene. Among its related pathways are O-linked glycosylation and Metabolism of proteins. GO annotations related to this gene include carbohydrate binding and polypeptide N-acetylgalactosaminyltransferase activity. An important paralog of this gene is GALNT9.
Molecular Mass	96 kDa
AA Sequence	MVCTRKTKTLVSTCVILSGMTNIIICLLYVGWVTNYIASVYVRGQEPAPDKKLEEDKGD TLKIIERLDHLENIKQHIQEAPAKPEEAEAEFTDSSLFAHWGQELSPEGRRVALKQ FQYYGYNAYLSDRPLDRPLDRPSGCRNLSFPDSLPEVSIVFIFVNEALSVLLRSIH SAMERTPPHLLKEILVDDNSSNEELKEKLTEYVDKVNSQKPGFIKVVVRHRSKQEGILIR SRVSGWRAATAPVVALFDAHVEFNVGWAEPVLTRIKENRKRIISPSFDNIKYDNFEIE EYPLAAQGFWDWELWCRYLNPPKAWWKLENSTAPIRSPALIGCFIVDRQYFQEIGLLD EGMEVYGGENVELGIRVWQCGGSVEVLPCSRIAHIERAHKPYTEDLTAHVRRNALR

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VAEVWMDEFKSHVYMAWNIPQEDSGIDIGDITARKALRKQLQCKTFRWYLVSVYPE
MRMYSDIIAYGVLQNSLKTDLCLDQGPDTENVPIMYICHGMTPQNYYTSSQQIHVGI
LSPTVDDDDNRCLVDVNSRPRLIECSYAKAKRMKLHWQFSQGGPIQNRRSKRCLEL
QENSDFEFGFQLVLQKCSGQHWSITNVLRSLAS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GALNT18 polypeptide N-acetylgalactosaminyltransferase 18 [Homo sapiens (human)]

Official Symbol GALNT18

Synonyms GALNTL4; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 4; putative polypeptide N-acetylgalactosaminyltransferase-like protein 4; GALNT15; MGC71806; GalNAc-transferase 18; galNAc-T-like protein 4; pp-GaNTase-like protein 4; polypeptide GalNAc transferase-like protein 4; protein-UDP acetylgalactosaminyltransferase-like protein 4; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 4; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 15; GALNT18; GalNAc-T15; GALNT18; polypeptide N-

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acetylgalactosaminyltransferase 18

Gene ID	374378
mRNA Refseq	NM_198516
Protein Refseq	NP_940918
MIM	615136
UniProt ID	Q6P9A2

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