

Recombinant Full Length Human GALNT12 Protein, GST-tagged

Cat. No. GALNT12-5143HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALNT12 full-length ORF (AAH13945, 1 a.a. - 272 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	272 amino acids
Description	GALNT12 is a member of a family of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferases (EC 2.4.1.41), which catalyze the transfer of N-acetylgalactosamine (G a lNAc) from UDP-GalNAc to a hydroxyl amino acid on a polypeptide acceptor in the initial step of mucin-type O-linked protein glycosylation (Guo et al., 2002 [PubMed 1213 5769]).[supplied by OMIM
Molecular Mass	55.66 kDa
AA Sequence	MAGGLFAVSKKYFEYLGSYDTGMEVWGGENLEFSFRIWQCGGVLETHPCSHVGHV FPKQAPYSRNKALANSVRAAEVWMDEFKELYHNRNPRARLEPFGDVTERKQLRDK LQCKDFKWFLVPELVHPEDRPGSFGMLQNKGLTDYCFDYNPPDENQIVGHQVI LYLCHGMGQNQFFEYTSQKEIRYNTHQPEGCIAVEAGMDTLIMHLCEETAPENQKFI LQEDGSLFHEQSKKCVQAARKESSDSFVPLLRDCTNSDHQKWFFKERML
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	GALNT12 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12) [Homo sapiens]
Official Symbol	GALNT12
Synonyms	GALNT12; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12); polypeptide N-acetylgalactosaminyltransferase 12; FLJ21212; pp-GaNTase 12; polypeptide GalNAc transferase 12; colorectal cancer, susceptibility to 1; protein-UDP acetylgalactosaminyltransferase 12; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 12; CRCS1; GalNAc-T12;
Gene ID	79695
mRNA Refseq	NM_024642
Protein Refseq	NP_078918
MIM	610290

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UniProt ID

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