

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 aINAc) 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 FPKQAPYSRNKALANSVRAAEVWMDEFKELYHHRNPRARLEPFGDVTERKQLRDK LQCKDFKWFLFETVYPELVHPEDRPGSFGMLQNKGLTDYCFDYNPPDENQIVGHQVI LYLCHGMGQNQFFEYTSQKEIRYNTHQPEGCIAVEAGMDTLIMHLCEETAPENQKFI LQEDGSLFHEQSKKCVQAARKESSDSFVPLLRDCTNSDHQKWFFKERML
Applications	Enzyme-linked Immunoabsorbent Assay

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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

Q8IXK2

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