

## Recombinant Human GALNT12 Protein, GST-tagged

**Cat. No.** GALNT12-4692H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GALNT12 full-length ORF ( AAH13945, 1 a.a. - 272 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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
<b>Molecular Mass</b>	55.66 kDa
<b>AA Sequence</b>	MAGGLFAVSKKYFEYLGSYDTGMEVWGGENLEFSFRIWQCGGVLETHPCSHVGHV FPKQAPYSRNKALANSVRAAEVWMDEFKELYHHRNPRARLEPFGDVTERKQLRDK LQCKDFKWFLVPELVHPEDRPGSFGMLQNKGLTDYCFDYNPPDENQIVGHQVI LYLCHGMGQNQFFEYTSQKEIRYNTHQPEGCIAVEAGMDTLIMHLCEETAPENQKFI LQEDGSLFHEQSKKCVQAARKESSDSFVPLLRDCTNSDHQKWFFKERML
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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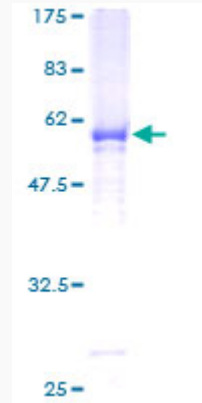
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GALNT12 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12) [ Homo sapiens ]
<b>Official Symbol</b>	GALNT12
<b>Synonyms</b>	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;
<b>Gene ID</b>	79695
<b>mRNA Refseq</b>	NM_024642
<b>Protein Refseq</b>	NP_078918
<b>MIM</b>	610290
<b>UniProt ID</b>	Q8IXK2

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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