Recombinant Human GALNT10, GST-tagged

Cat. No. GALNT10-13131H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-204a.a.
Description	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. Several transcript variants encoding different isoforms have been described for this gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	GALNT10 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10) [Homo sapiens]

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Official Symbol	GALNT10
Synonyms	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10); 19873; Ensembl:ENSG00000164574; FLJ00205, FLJ11715, DKFZp586H0623; polypeptide N-acetylgalactosaminyltransferase 10;GalNAc transferase 10;UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10; 2.4.1.41; GALNACT10; PPGALNACT10; PPGANTASE10
Gene ID	55568
mRNA Refseq	NM_198321.3
Protein Refseq	NP_938080.1
MIM	608043
UniProt ID	Q86SR1
Chromosome Location	5q33.2
Pathway	Metabolism of proteins, organism-specific biosystem; Mucin type O-Glycan biosynthesis, organism-specific biosystem; Mucin type O-Glycan biosynthesis, conserved biosystem; O-glycan biosynthesis, mucin type core, organism-specific biosystem; O-glycan biosynthesis, mucin type core, conserved biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem;
Function	carbohydrate binding; metal ion binding; polypeptide N-acetylgalactosaminyltransferase activity;

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