

## Recombinant Human GALNT10, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GALNT10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-204a.a.
<b>Description</b>	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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	GALNT10 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10) [ Homo sapiens ]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Official Symbol</b>	GALNT10
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">55568</a>
<b>mRNA Refseq</b>	<a href="#">NM_198321.3</a>
<b>Protein Refseq</b>	<a href="#">NP_938080.1</a>
<b>MIM</b>	<a href="#">608043</a>
<b>UniProt ID</b>	<a href="#">Q86SR1</a>
<b>Chromosome Location</b>	5q33.2
<b>Pathway</b>	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;
<b>Function</b>	carbohydrate binding; metal ion binding; polypeptide N-acetylgalactosaminyltransferase activity;

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