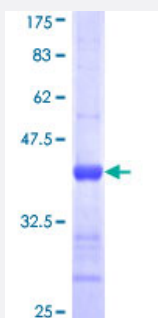


GALNT2 (Human) Recombinant Protein (Q01)

Catalog # H00002590-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GALNT2 partial ORF (NP_004472, 473 a.a. - 571 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CHNAGGNQEWALTKEKSVKHMDLCLTVVDRAPGSLIKLQGCRENDSRQKWEQIEGNSKLRHVG SNLCLDSRTAKSGGLSVEVCGPALSQQWKFTLNLQQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GALNT2

Entrez GeneID	2590
GeneBank Accession#	NM_004481
Protein Accession#	NP_004472
Gene Name	GALNT2
Gene Alias	GalNAc-T2
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2)
Omim ID	602274
Gene Ontology	Hyperlink
Gene Summary	This gene encodes polypeptide N-acetylgalactosaminyltransferase 2, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation in a cell is regulated by a repertoire of GalNAc-transferases. [provided by RefSeq]
Other Designations	OTTHUMP00000035893 UDP-GalNAc transferase 2 polypeptide N-acetylgalactosaminyltransferase 2

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)

Disease

- [Alzheimer Disease](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipoproteinemias](#)
- [Hypertriglyceridemia](#)
- [Lipid Metabolism Disorders](#)
- [Obesity](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)