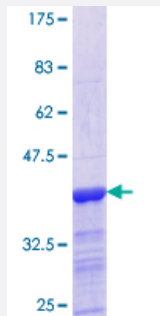


GALNT3 (Human) Recombinant Protein (Q01)

Catalog # H00002591-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GALNT3 partial ORF (NP_004473.1, 43 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VQYSKEESRMERNMKNKNKMLDLMLEAVNNIKDAMPKMQIGAPVRQNIDAGERPCLQGYTAAE LKPVLDRPPQDSNAPGASGKAFKTTNLSVEEQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
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 — GALNT3

Entrez GeneID	2591
GeneBank Accession#	NM_004482
Protein Accession#	NP_004473.1
Gene Name	GALNT3
Gene Alias	DKFZp686C10199, GalNAc-T3, HFTC, HHS, MGC61909
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3)
Omim ID	211900 601756 610233
Gene Ontology	Hyperlink
Gene Summary	This gene encodes UDP-GalNAc transferase 3, 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 is regulated by a repertoire of GalNAc-transferases. The protein encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities. [provided by RefSeq]
Other Designations	GalNAc transferase 3 OTTHUMP00000163020 polypeptide GalNAc-transferase T3 polypeptide N-acetylgalactosaminyltransferase 3 protein-UDP acetylgalactosaminyltransferase

Pathway

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