

Active Recombinant Human GALNT1 Protein, His-tagged

Cat. No. GALNT1-26H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNT1 Protein (Gly41-Phe559) is produced by NS0 expression system. This protein is fused with a His tag at the N-terminal.
Species	Human
Source	Mammalian Cells
ProteinLength	Gly41-Phe559
Form	Supplied as a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to transfer GalNAc from UDP-GalNAc to peptide EA2 from AnaSpec, Inc. The specific activity is >700 pmol/min/µg.
Molecular Mass	60 kDa
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 3 months, -20 to -70 centigrade under sterile conditions after opening.

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GENE INFORMATION

Gene Name	GALNT1 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1) [Homo sapiens]
Official Symbol	GALNT1
Synonyms	GALNT1; GalNAc T1; pp-GaNTase 1; GALNAC-T1;
Gene ID	2589
mRNA Refseq	NM_020474
Protein Refseq	NP_065207
MIM	602273
UniProt ID	Q10472

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