

Recombinant Human GALNT15 Protein, MYC/DDK-tagged

Cat. No. GALNT15-1255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GALNT15 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Although it displays a much weaker activity toward all substrates tested compared to GALNT2, it is able to transfer up to seven GalNAc residues to the Muc5AC peptide, suggesting that it can fill vicinal Thr/Ser residues in cooperation with other GALNT proteins. Prefers Muc1a as substrate. [UniProtKB/Swiss-Prot Function]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	72.9 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	polypeptide N-acetylgalactosaminyltransferase 15 [Homo sapiens]
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Official Symbol	GALNT15
Synonyms	GALNACT15; GALNT13; GALNT7; GALNTL2; PIH5; pp-GalNAc-T15
Gene ID	117248
Protein Refseq	NP_473451
MIM	615131

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