

Product Name: Recombinant Human GALNT7 (C-6His)
Catalog #: PHH0712

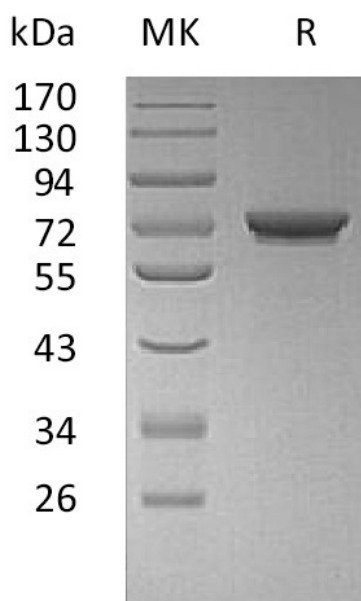


Summary

Name	GALNT7/N-acetylgalactosaminyltransferase 7/GalNAc-T7
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human N-acetylgalactosaminyltransferase 7 is produced by our Mammalian expression system and the target gene encoding Pro30-Val657 is expressed with a 6His tag at the C-terminus.
Accession #	Q86SF2
Host	Human Cells
Species	Human
Predicted Molecular Mass	73.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM reduced Glutathione, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

PolypeptideGalNAc-transferase7; Protein-UDP acetylgalactosaminyltransferase7; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7; GALNT7

Background

N-acetylgalactosaminyltransferase 7(GALNT7) is expressed in uterus, retina, kidney, small intestine, omentum, stomach and CNS.It belongs to the glycosyltransferase 2 family and galNAc-T subfamily. The enzyme encoded by this gene controls the initiation step of mucin-type O-linked protein glycosylation and transfer of N-acetylgalactosamine to serine and threonine amino acid residues. This enzyme is a type II transmembrane protein and shares common sequence motifs with other family members. This protein may function as a follow-up enzyme in the initiation step of O-glycosylation.

Note

For Research Use Only , Not for Diagnostic Use.