

Recombinant Human GALNT7 Protein (His Tag)

Catalog No. PKSH032778

Note: Centrifuge before opening to ensure complete recovery of vial contents.

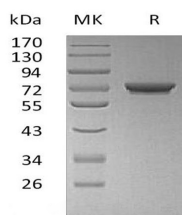
Description

Synonyms	PolypeptideGalNAc-transferase7;Protein-UDP acetylgalactosaminyltransferase7;UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7;GALNT7.
Species	Human
Expression Host	HEK293 Cells
Sequence	Pro30-Val657
Accession	Q86SF2
Calculated Molecular Weight	73.2 kDa
Observed molecular weight	65-80 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 50mM Tris-HCl,10mM reduced Glutathione,PH8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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

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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.