

Recombinant Human GALNT7 Protein (His Tag)

Catalog Number: PKSH032778

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

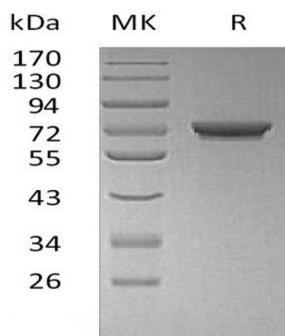
Description

Species	Human
Source	HEK293 Cells-derived Human GALNT7 protein Pro30-Val657, with an C-terminal His
Calculated MW	73.2 kDa
Observed MW	65-80 kDa
Accession	Q86SF2
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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.

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 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.