

# Recombinant Human GALNT7 Protein (His Tag)

Catalog Number:PKSH032778



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

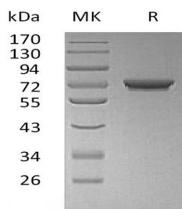
## Description

<b>Synonyms</b>	PolypeptideGalNAc-transferase7;Protein-UDP acetylgalactosaminyltransferase7;UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7;GALNT7.
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Pro30-Val657
<b>Accession</b>	Q86SF2
<b>Calculated Molecular Weight</b>	73.2 kDa
<b>Observed molecular weight</b>	65-80 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	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.
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution of 50mM Tris-HCl,10mM reduced Glutathione,PH8.0.
<b>Reconstitution</b>	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 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.

## For Research Use Only

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