

Recombinant Human N-Acetylgalactosaminyltransferase 7/GALNT7 Protein(C-6His)

Cat.NO.: TP06190

3th Edition

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

Description: 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.

Form: PBS

Molecular Weight: 73.2 kDa

Sequences: Pro30-Val657

Purity: > 95% by HPLC

Concentration:

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.