

## 32-7980: Recombinant Human N-Acetylgalactosaminyltransferase 7/GALNT7 (C-6His)(Discontinued)

**Gene :** GALNT7  
**Gene ID :** 51809  
**Uniprot ID :** Q86SF2

### Description

Source: Human Cells.

MW :73.2kD.

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. 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.

### Product Info

**Amount :** 6His) / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mM TrisHCl,10mM reduced Glutathione,PH8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** PRPDDPSPLSRMREDRDVNDPMPNRGGNGLAPGEDRFKPVVPWPHVEGVVDLESIRRINKAKNEQEHHAG  
GDSQKDIMQRQYLTFKPQTFYHDPVLRPGILGNFEPKEPEPPGVVGGPGEKAKPLVLGPEFKQAIQASIKEFGF  
NMVASDMISLDRSVNDRQEECKYWHYDENLLTSSVVIVFHNEGWSTLMRTVHSHVIKRTPRKYLAEIVLIDDFS  
NKEHLKEKLDEYIKLWNLVVKVFRNERREGLIARSIGAQKAKLGQVLIYLDACEVAVNWWYAPLVAPISKDRTI  
CTVPLIDVINGNTYEIIPQGGGDEDGYARGAWDWSMLWKRVP LTPQEKRLRKTKEPYRSPAMAGGLFAIEREF  
FFELGLYDPGLQIWGGENFEISYKIWQCGGKLLFVPCSRVGHYRLEGWQGNPPPIYVGSPTLKNYVRVVEVW  
WDEYKDYFYASRPESQALPYGDISELKKFREDHNCKSFKWFMEEIAYDITSHYPLPPKNVDWGEIRGFETAYCID  
SMGKTNGGFVELGPCHRMGGNQLFRINEANQLMQYDQCLTKGADGSKVMITHCNLNEFKEWQYFKNLHRFT  
HIPSGKCLDRSEVLHQVFISNCDSSKTTQKWEMNNIHSVVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.