

## Recombinant Human GALNT7 Protein

Catalog #	Source	Reactivity	Applications
CRP1600	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human GALNT7 Protein is produced by our mammalian expression system and the target gene encoding Pro30-Val657 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 50mM Tris-HCl, 10mM reduced Glutathione, pH 8.0.
<b>Gene Symbol</b>	GALNT7
<b>Alternative Names</b>	N-acetylgalactosaminyltransferase 7; Polypeptide GalNAc transferase 7; GalNAc-T7; pp-GaNTase 7; Protein-UDP acetylgalactosaminyltransferase 7; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7
<b>Entrez Gene</b>	51809 (Human)
<b>SwissProt</b>	Q86SF2 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	<p>PRPDDPSPLS RMREDRDVND PMPNRGGNGL APGEDRFKPV VPWPHVEGVE</p> <p>VDLESIRRIN KAKNEQEHHA GGDSQKDIMQ RQYLTFKPQT FTYHDPVLRP GILGNFEPKE</p> <p>PEPPGVVGGP GEKAKPLVLG PEFKQAIQAS IKEFGFMVA SDMISLDRSV NDLRQEECKY</p> <p>WHYDENLLTS SVVIVFHNEG WSTLMRTVHS VIKRTPRKYL AEIVLIDDFS NKEHLKEKLD</p> <p>EYIKLWNGLV KVFRNERREG LIQARSIGAQ KAKLGQVLIY LDAHCEVAVN WYAPLVAPIS</p> <p>KDRTICTVPL IDVINGNTYE IIPQGGGDED GYARGAWDWS MLWKRVP LTP QEKRLRKTCT</p> <p>EPYRSPAMAG GLFAIEREFF FELGLYDPGL QIWGGGENFEI SYKIWQCGGK LLFVPCSRVG</p> <p>HIYRLEGWQG NPPPIYVGSS PTLKNYVRV EVWWDEYKDY FYASRPESQA LPYGDISELK</p> <p>KFREDHNCKS FKWFMEEIAY DITSHYPLPP KNVDWGEIRG FETAYCIDSM GKTNGGFVEL</p>

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

GPCHRMGGNQ LFRINEANQL MQYDQCLTKG ADGSKVMITH CNLNEFKEWQ

YFKNLHRFTH IPSGKCLDRS EVLHQVFISN CDSSKTTQKW EMNNIHSVVD HHHHHH

**Quality Control**

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

**Directions for Use**

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage/Stability**

Store it at -20°C to -80°C for one year.

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