

Recombinant Human GALNT3 Protein

Catalog #	Source	Reactivity	Applications
CRP1599	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human GALNT3 Protein is produced by our mammalian expression system and the target gene encoding Gln38-Asp633 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol GALNT3

Alternative Names Polypeptide N-acetylgalactosaminyltransferase 3; Polypeptide GalNAc transferase 3; GalNAc-T3; pp-GaNTase 3; Protein-UDP acetylgalactosaminyltransferase 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3

Entrez Gene 2591 (Human)

SwissProt Q14435 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure QREVSQYSK EESRMERNMK NKNKMLDLML EAVNNIKDAM PKMQIGAPVR
 QNIDAGERPC LQGYTAAEL KPVLD RPPQD SNAPGASGKA FKTTNLSVEE QKEKERGEAK
 HCFNAFASDR ISLHRDLGPD TRPPECIEQK FKRCPLPTT SVIIVFHNEA WSTLLRTVHS
 VLYSSPAILL KEIILVDDAS VDEYLHDKLD EYVKQFSIVK IVRQRERKGL ITARLLGATV
 ATAETLFLD AHCECFYGWL EPLLARIAEN YTAVVSPDIA SIDLNTFEFN KPSPYGSNHN
 RGNFDWLSLF GWESLPDHEK QRRKDETYPI KTPTFAGGLF SISKEYFEYI GSYDEEMEIW
 GGNIEMSFV VWQCQGGQLEI MPCSVVGHVF RSKSPHSFPK GTQVIARNQV
 RLAEVWMDEY KEIFYRRNTD AAKIVKQKAF GDLSKRFEIK HRLQCKNFTW YLNNIYPEVY
 VPDLPVISG YIKSVGQPLC LDVGENNQGG KPLIMYTCHG LGGNQYFEYS AQHEIRHNIQ
 KELCLHAAQG LVQLKACTYK GHKTVVTGEQ IWEIQKDQLL YNPFLKMCLS ANGEHPSLVS

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

CNPSDPLQKW ILSQNDVDHH HHHH

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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