

Product Data Sheet

Recombinant Human B4GALT4 Protein

Catalog #	Source	Reactivity	Applications
CRP1099	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human B4GALT4 Protein is produced by Mammalian expression system and the target gene encoding Gln39-Ala344 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 150mM NaCl, pH 7.5		
Gene Symbol	B4GALT4		
Alternative Names	Beta-1,4-galactosyltransferase 4; Beta-1,4-GalTase 4; Beta4Gal-T4; b4Gal-T4; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 4; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 4		
Entrez Gene	8702 (Human)		
SwissProt	O60513 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	QEIPKAKEFM ANFHKTLLG KGKTLTNEAS TKKVELDNCPSVSPYLRGQS KLIFKPDLTLEEVQAENPKV SRGRYRPEEC KALQRVAILV PHRNREKHLMLLLEHLHPFL QRQQLDYGIYVIHQAEKGKF NRAKLLNVGY LEALKEENWD CFIFHDVDLV PENDFNLYKC EEHPKHLVVG RNSTGYRLRY SGYFGGV TAL SREQFFKVNG FSNNYWGWWGG EDDDLRLRVE LQRMKISRPLPEVGKYTMVF HTRDKGNEVN AERMKLLHQV SRVWRTDGLS SCSYKLVSVENHPLYINITVDFWFGAVDHH 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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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