

# Product Data Sheet

## Recombinant Human B4GALT4 Protein

Catalog #	Source	Reactivity	Applications
CRP1099	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human B4GALT4 Protein is produced by our 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 ANFHKTILG KGKTLTNEAS TTKVELDNCP SVSPYLRGQS KLIFKPDRTL EEVQAENPKV SRGRYRPEEC KALQRVAILV PHRNREKHLM YLLEHLHPFL QRQQLDYGII VIHQAEGKKF NRAKLLNVGY LEALKEENWD CFIFHDVDLV PENDFNLYKC EEHPKHLVVG RNSTGYRLRY SGYFGGV TAL SREQFFKVNG FSNNYWG WGG EDDDLRLRVE LQRMKISRPL PEVGKYTMVF HTRDKGNEVN AERMKLLHQV SRVWRTDGLS SCSYKLV SVE HNPLYINITV DFWFGAVDHH 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.		
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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