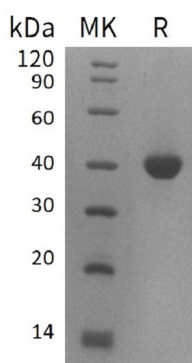


Summary

Name	B4GALT4/ β -1,4-Galactosyltransferase 4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/ μ g as determined by LAL test.
Construction	Recombinant Human Beta-1,4-Galactosyltransferase 4 is produced by our Mammalian expression system and the target gene encoding Gln39-Ala344 is expressed with a 6His tag at the C-terminus.
Accession #	O60513
Host	Human Cells
Species	Human
Predicted Molecular Mass	36.77 KDa
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at \leq -70°C, stable for 6 months after receipt. Store at \leq -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

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; B4GALT4
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Product Name: Recombinant Human B4GALT4 (C-6His)
Catalog #: PHH0120



Background

β -1,4-galactosyltransferase 4 (B4GALT4) is a single-pass type II membrane protein that belongs to the Glycosyltransferase 7 family. B4GALT4 consist of the following 2 domains: N-Acetylactosamine Synthase and β -N-Acetylglucosaminyl-Glycolipid β -1,4-Galactosyltransferase. B4GALT4 is highly expressed in the heart, placenta, kidney, and pancreas; it is lowly expressed in the brain, colon, lung, muscle, ovary, testis, and uterus. B4GALT4 function is responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

Note

For Research Use Only , Not for Diagnostic Use.