

B4GALT3 Protein, Human, Recombinant (His)

General Information

Synonyms:	β -1;4-galactosyltransferase 3;Beta-1;B4GALT3
Protein Construction:	Arg32-His393
Species:	Human
Expression Host:	HEK293 Cells
Accession:	O60512
Molecular Weight:	50 KDa (reducing condition)
AA Sequence:	Arg32-His393

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 90% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Supplied as a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 2 mM MgCl ₂ , 10% Glycerol, pH 7.5.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Beta-1,4-galactosyltransferase 3 (B4GALT3) belongs to the glycosyltransferase 7 family. It is responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids. It is highest expression in placenta, prostate, testis, ovary, intestine and muscle, and in fetal brain.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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