

Recombinant Human B4GALT3 Protein (His Tag)

Catalog No. PKSH033258

Note: Centrifuge before opening to ensure complete recovery of vial contents.

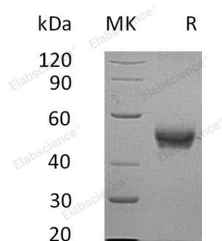
Description

Synonyms	Beta-1,4-galactosyltransferase 3;B4GALT3
Species	Human
Expression Host	HEK293 Cells
Sequence	Arg32-His393
Accession	O60512
Calculated Molecular Weight	41.5 kDa
Observed molecular weight	50 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM MgCl ₂ , 10% Glycerol, pH 7.5.
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

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.

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