

B3GALT5 Protein, Human, Recombinant (hFc)

General Information

Synonyms:	B3GalT-V;B3GalTx; β -1,3-GalTase5; β 3Gal-T5;GLCT5;B3T5;beta3Gal-T5; β -3-Gx-T5;UDP-Gal: β GlcNAc β 1,3-galactosyltransferase, polypeptide 5;beta-3-Gx-T5;UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5;beta-1,3-GalTase5
Protein Construction:	A DNA sequence encoding the human B3GALT5 (Q9Y2C3) (Asn29-Val310) was expressed with the Fc region of human IgG1 at the N-terminus. Predicted N terminal: Glu
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q9Y2C3
Molecular Weight:	61.3 kDa (predicted); 62 kDa (reducing conditions)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 75 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. 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:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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