

GALNT10 Protein, Human, Recombinant (His)

General Information

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| Synonyms: | GALNACT10;PPGANTASE10;polypeptide N-acetylgalactosaminyltransferase 10;PPGALNACT10 |
| Protein Construction: | A DNA sequence encoding the human GALNT10 (NP_938080.1) (Thr39-Asn603) was expressed with an N-terminal polyhistidine tag. Predicted N terminal: His |
| Species: | Human |
| Expression Host: | HEK293 Cells |
| Accession: | Q86SR1 |
| Molecular Weight: | 67 kDa (predicted); 63.5 kDa (reducing condition, due to glycosylation) |

QC Testing

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| 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: | > 90 % as determined by SDS-PAGE |
| Endotoxin: | < 1.0 EU/μg of the protein as determined by the LAL method. |
| Formulation: | Lyophilized from a solution filtered through a 0.22 μm 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.

Shipping:

In general, Lyophilized powders are shipping with blue ice.

Protein Background

Ectopic expression and knockdown studies showed that GALNT10 indeed promotes proliferation and apoptosis resistance of hepatoma cells in a glycosyltransferase-dependent manner. The genetic variants on LEKR1 and GALNT10 genes have been associated with control of adiposity and weight.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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