

Recombinant Human MGAT4B

Catalog No: #GP13588



Package Size: #GP13588-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human MGAT4B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 349-548 amino acids of human MGAT4B
Target Name	alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase B
Other Names	GNT-IV; GNT-IVB
Accession No.	Swissprot:Q9UQ53Gene Accession:BC009464
Uniprot	Q9UQ53
GeneID	11282;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a key glycosyltransferase that regulates the formation of tri- and multiantennary branching structures in the Golgi apparatus. The encoded protein, in addition to the related isoenzyme A, catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc in a beta-1,4 linkage to the Man-alpha-1,3-Man-beta-1,4-GlcNAc arm of R-Man-alpha-1,6(GlcNAc-beta-1,2-Man-alpha-1,3)Man-beta-1,4-GlcNAc-beta-1,4-GlcNAc-beta-1-Asn. The encoded protein may play a role in regulating the availability of serum glycoproteins, oncogenesis, and differentiation.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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