

## Recombinant Human C1GALT1C1

Catalog No: #GP12666



Package Size: #GP12666-1 100ug

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## Description

Product Name	Recombinant Human C1GALT1C1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 119-318 amino acids of human C1GALT1C1
Target Name	C1GALT1 specific chaperone 1
Other Names	TNPS; COSMC; MST143; C1GALT2; HSPC067; C38H2-L1
Accession No.	Swissprot:Q96EU7Gene Accession:BC011930
Uniprot	Q96EU7
GeneID	29071;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a type II transmembrane protein that is similar to the core 1 beta1,3-galactosyltransferase 1, which catalyzes the synthesis of the core-1 structure, also known as Thomsen-Friedenreich antigen, on O-linked glycans. This gene product lacks the galactosyltransferase activity itself, but instead acts as a molecular chaperone required for the folding, stability and full activity of the core 1 beta1,3-galactosyltransferase 1. Mutations in this gene have been associated with Tn syndrome. Alternatively spliced transcript variants encoding the same protein have been identified.

## 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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