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# C1GALT1 Blocking Peptide (Center)

**Synthetic peptide**
**Catalog # BP20432c**

## Specification

### C1GALT1 Blocking Peptide (Center) - Product Information

Primary Accession Q9NS00

### C1GALT1 Blocking Peptide (Center) - Additional Information

**Gene ID** 56913

**Other Names**
Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1, B3Gal-T8, Core 1 O-glycan T-synthase, Core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1, 3-galactosyltransferase 1, Beta-1, 3-galactosyltransferase, Core 1 beta1, 3-galactosyltransferase 1, C1GalT1, Core 1 beta3-Gal-T1, C1GALT1

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### C1GALT1 Blocking Peptide (Center) - Protein Information

**Name** C1GALT1

**Function**
Glycosyltransferase that generates the core 1 O-glycan Gal- beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins (PubMed:<a href="http://www.uniprot.org/citations/11677243" target="_blank">11677243</a>). Plays a central role in many processes, such as angiogenesis, thrombopoiesis and kidney homeostasis development (By similarity).

**Cellular Location**
Membrane {ECO:0000250|UniProtKB:Q9JJ05}; Single- pass type II membrane protein

**Tissue Location**
Widely expressed. Highly expressed in kidney, heart, placenta and liver.

### C1GALT1 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

**C1GALT1 Blocking Peptide (Center) - Images**

**C1GALT1 Blocking Peptide (Center) - Background**

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**C1GALT1 Blocking Peptide (Center) - References**

Ju T., et al. J. Biol. Chem. 277:178-186(2002).
Jensen M.P.A., et al. Submitted (JUN-1999) to the EMBL/GenBank/DDBJ databases.
Hillier L.W., et al. Nature 424:157-164(2003).
Scherer S.W., et al. Science 300:767-772(2003).
Ju T., et al. Proc. Natl. Acad. Sci. U.S.A. 99:16613-16618(2002).