

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GCNT7 (N349) Peptide

Cat No.: BS3088P

Background

GCNT7, is a 430 amino acid glycosyltransferase that is localized to the Golgi apparatus. Other members of this family include GCNT1, GCNT2, GCNT3, GCNT4 and GCNT6. GCNT1 has been shown to play an important regulatory role in the biosynthesis of mucin-type O-glycans, which serve as ligands in cell adhesion. Specifically, GCNT1 expression in leukocytes regulates the synthesis of core 2 O-glycans that carry sialyl-Lewis x (sLex) oligosaccharides, which confer high affinity binding to Selectin proteins. Since downregulation of Selectin ligand expression has been shown to inhibit tissue infiltration, glycosyltransferase 14 family members represent potential drug targets for the treatment of inflammatory disorders and other pathologies involving Selectin proteins.

Swiss-Prot

Q6ZNI0

Applications

Blocking

Specificity

This peptide can be used with studies using BS3088 GCNT7 (N349) pAb.

Purification & Purity

Synthetic peptide GCNT7 (N349). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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