

CMAS Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20526b

Specification

CMAS Blocking Peptide (C-term) - Product Information

Primary Accession

[Q8NFW8](#)

Other Accession

[P69060](#), [Q99KK2](#), [Q3SZM5](#)**CMAS Blocking Peptide (C-term) - Additional Information****Gene ID** 55907**Other Names**

N-acylneuraminate cytidyltransferase, CMP-N-acetylneuraminic acid synthase, CMP-NeuNAc synthase, CMAS

Target/Specificity

The synthetic peptide sequence is selected from aa 315-327 of Human CMAS

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.

CMAS Blocking Peptide (C-term) - Protein Information**Name** CMAS**Function**

Catalyzes the activation of N-acetylneuraminic acid (NeuNAc) to cytidine 5'-monophosphate N-acetylneuraminic acid (CMP-NeuNAc), a substrate required for the addition of sialic acid. Has some activity toward NeuNAc, N-glycolylneuraminic acid (Neu5Gc) or 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN).

Cellular Location

Nucleus.

Tissue Location

Ubiquitously expressed. Expressed in pancreas, kidney, liver, skeletal muscle, lung, placenta, brain, heart, colon, PBL, small intestine, ovary, testis, prostate, thymus and spleen

CMAS Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

CMAS Blocking Peptide (C-term) - Images

CMAS Blocking Peptide (C-term) - Background

Catalyzes the activation of N-acetylneuraminic acid (NeuNAc) to cytidine 5'-monophosphate N-acetylneuraminic acid (CMP-NeuNAc), a substrate required for the addition of sialic acid. Has some activity toward NeuNAc, N-glycolylneuraminic acid (Neu5Gc) or 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN).

CMAS Blocking Peptide (C-term) - References

Lawrence S.M., et al. Glycoconj. J. 18:205-213(2001).
Bouquin T., et al. Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Bienvenut W.V., et al. Submitted (AUG-2009) to UniProtKB.