

NT5C3 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP22008b

Specification

NT5C3 Blocking Peptide (C-Term) - Product Information

Primary Accession

[O9H0P0](#)

Other Accession

[O9D020](#)**NT5C3 Blocking Peptide (C-Term) - Additional Information**

Gene ID 51251

Other Names

Cytosolic 5'-nucleotidase 3A, 3.1.3.5, Cytosolic 5'-nucleotidase 3, Cytosolic 5'-nucleotidase III, cN-III, Pyrimidine 5'-nucleotidase 1, P5'N-1, P5N-1, PN-I, Uridine 5'-monophosphate hydrolase 1, p36, NT5C3A, NT5C3, P5N1, UMPH1

Target/Specificity

The synthetic peptide sequence is selected from aa 302-313 of HUMAN NT5C3A

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.

NT5C3 Blocking Peptide (C-Term) - Protein Information

Name NT5C3A

Synonyms NT5C3, P5N1, UMPH1

Function

Nucleotidase which shows specific activity towards cytidine monophosphate (CMP) and 7-methylguanosine monophosphate (m(7)GMP) (PubMed:24603684). CMP seems to be the preferred substrate (PubMed:15968458).

Cellular Location

Cytoplasm.

Tissue Location

Isoforms 1, 3 and 4 are expressed in reticulocytes. Isoform 4 is hardly detectable in bone marrow and fetal liver

NT5C3 Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)

NT5C3 Blocking Peptide (C-Term) - Images

NT5C3 Blocking Peptide (C-Term) - Background

Can act both as nucleotidase and as phosphotransferase.

NT5C3 Blocking Peptide (C-Term) - References

Amici A.,et al.Blood 96:1596-1598(2000).
Marinaki A.M.,et al.Blood 97:3327-3332(2001).
Kanno H.,et al.Br. J. Haematol. 126:265-271(2004).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).