

NT5C3 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP22008b

Specification**NT5C3 Blocking Peptide (C-Term) - Product Information**Primary Accession [Q9H0P0](#)Other Accession [Q9D020](#)**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**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).

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](#)