10320 Camino Santa Fe, Suite G
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NT5C Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP22060b

Specification

NT5C Blocking Peptide (C-Term) - Product Information

Primary Accession Q8TCD5

NT5C Blocking Peptide (C-Term) - Additional Information

Gene ID 30833

Other Names
5'(3')-deoxyribonucleotidase, cytosolic type, 3.1.3.-, Cytosolic 5', 3'-pyrimidine nucleotidase, Deoxy-5'-nucleotidase 1, dNT-1, NT5C, DNT1, UMPH2

Target/Specificity
The synthetic peptide sequence is selected from aa 184-195 of HUMAN NT5C

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.

NT5C Blocking Peptide (C-Term) - Protein Information

Name NT5C

Synonyms DNT1, UMPH2

Function
Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides, with a preference for dUMP and dTMP, intermediate activity towards dGMP, and low activity towards dCMP and dAMP.

Cellular Location
Cytoplasm.

Tissue Location
Detected in skeletal muscle, heart and pancreas.

NT5C Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides

NT5C Blocking Peptide (C-Term) - Images

NT5C Blocking Peptide (C-Term) - Background

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NT5C Blocking Peptide (C-Term) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
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Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).