

NT5C Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP22060b**Specification**

NT5C Blocking Peptide (C-Term) - Product InformationPrimary 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

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

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.

NT5C Blocking Peptide (C-Term) - References

Rampazzo C.,et al.J. Biol. Chem. 275:5409-5415(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Rampazzo C.,et al.Gene 294:109-117(2002).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).