

Recombinant Mouse Nt5c Protein, Myc/DDK-tagged

Cat. No. Nt5c-4513M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 5',3'-nucleotidase, cytosolic (Nt5c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Nt5c 5',3'-nucleotidase, cytosolic [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nt5c
Synonyms	NT5C; 5,3-nucleotidase, cytosolic; 5(3)-deoxyribonucleotidase, cytosolic type; dNT-1; deoxy-5-nucleotidase 1; uridine monophosphatase 2; cytosolic 5,3-pyrimidine nucleotidase; 5 nucleotidase, deoxy (pyrimidine), cytosolic type C; Dnt; Dnt1; Umph2; Umph-2
Gene ID	50773
mRNA Refseq	NM_015807
Protein Refseq	NP_056622
UniProt ID	Q9JM14

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