

Recombinant Mouse Nt5c Protein, His-tagged

Cat. No. Nt5c-1865M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nt5c Protein (Asp12-Leu200) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp12-Leu200
Description	Enables IMP 5'-nucleotidase activity. Involved in allantoin metabolic process and nucleoside monophosphate catabolic process. Acts upstream of or within deoxyribonucleotide catabolic process. Located in cytosol. Is expressed in several structures, including alimentary system; brain; genitourinary system; respiratory system; and thymus. Orthologous to human NT5C (5', 3'-nucleotidase, cytosolic).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Nt5c 5,3-nucleotidase, cytosolic [*Mus musculus* (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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