

Recombinant Mouse Nt5c1b Protein, His-tagged

Cat. No. Nt5c1b-1866M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nt5c1b Protein (Arg261-Asn573) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg261-Asn573
Description	Enables 5'-nucleotidase activity. Involved in AMP catabolic process and allantoin metabolic process. Acts upstream of or within nucleoside metabolic process. Is active in cytosol. Is expressed in several structures, including genitourinary system; gut; and skin. Orthologous to several human genes including NT5C1B-RDH14 (NT5C1B-RDH14 readthrough).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.1 kDa Accurate Molecular Mass: 39 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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

Nt5c1b 5-nucleotidase, cytosolic IB [*Mus musculus* (house mouse)]

Official Symbol

Nt5c1b

Synonyms

NT5C1B; 5-nucleotidase, cytosolic IB; cytosolic 5-nucleotidase 1B; cN1B; 5nucleotidase; cytosolic 5-nucleotidase IB; autoimmune infertility-related protein; AIRP; CN-IB; 4921514H13Rik;

Gene ID

70881

mRNA Refseq

NM_027588

Protein Refseq

NP_081864

UniProt ID

Q91YE9

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