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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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