

## Active Recombinant Mouse Nt5e Protein, His-tagged

Cat. No. Nt5e-667M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Nt5e (Accession # NP_035981) Trp29-Lys549, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Trp29-Lys549
<b>Predicted N Terminal</b>	Trp29
<b>Form</b>	Supplied as a 0.2 µm filtered solution in Tris, NaCl, CaCl <sub>2</sub> and Glycerol.
<b>Bio-activity</b>	Measured by its ability to hydrolyze the 5'-phosphate group from the substrate adenosine-5'-monophosphate (AMP). The orthophosphate product is measured by a Malachite Green Phosphate Detection Kit. The specific activity is >10,000 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Nt5e, His-tagged has a calculated MW of 59 kDa. In SDS-PAGE migrates as 60 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	Nt5e 5 nucleotidase, ecto [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Nt5e
<b>Synonyms</b>	NT5E; 5 nucleotidase, ecto; 5-nucleotidase; 5-NT; ecto-5-nucleotidase; NT; Nt5; eNT; CD73; AI447961; 2210401F01Rik;
<b>Gene ID</b>	23959
<b>mRNA Refseq</b>	NM_011851
<b>Protein Refseq</b>	NP_035981
<b>MIM</b>	

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