

Active Recombinant Mouse Nt5e Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	Trp29-Lys549
Predicted N Terminal	Trp29
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl, CaCl ₂ and Glycerol.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Nt5e, His-tagged has a calculated MW of 59 kDa. In SDS-PAGE migrates as 60 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

 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

months (-70°C).

GENE INFORMATION

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

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