

Recombinant Mouse Enpp3 Protein, His-tagged

Cat. No. Enpp3-1428M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Enpp3 Protein (Leu595-Ile874) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu595-Ile874
Description	Enables nucleoside-triphosphate diphosphatase activity. Involved in several processes, including basophil activation involved in immune response; negative regulation of mast cell activation involved in immune response; and negative regulation of mast cell proliferation. Located in external side of plasma membrane. Orthologous to human ENPP3 (ectonucleotide pyrophosphatase/phosphodiesterase 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.6 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

Enpp3 ectonucleotide pyrophosphatase/phosphodiesterase 3 [Mus musculus (house mouse)]

Official Symbol

Enpp3

Synonyms

ENPP3; ectonucleotide pyrophosphatase/phosphodiesterase 3; ectonucleotide pyrophosphatase/phosphodiesterase family member 3; E-NPP 3; PD-Ibeta; phosphodiesterase I beta; phosphodiesterase I/nucleotide pyrophosphatase 3; CD203c; AI876438; MGC6548;

Gene ID

209558

mRNA Refseq

NM_134005

Protein Refseq

NP_598766

UniProt ID

Q6DYE8

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