

## Recombinant Mouse Enpp3 Protein, Myc/DDK-tagged

Cat. No. Enpp3-2832M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length ectonucleotide pyrophosphatase/phosphodiesterase 3 (Enpp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Hydrolase that metabolizes extracellular nucleotides, including ATP, GTP, UTP and CTP. Limits mast cell and basophil responses during inflammation and during the chronic phases of allergic responses by eliminating the extracellular ATP that functions as signaling molecule and activates basophils and mast cells and induces the release of inflammatory cytokines. Metabolizes extracellular ATP in the lumen of the small intestine, and thereby prevents ATP-induced apoptosis of intestinal plasmacytoid dendritic cells. Has also alkaline phosphodiesterase activity.
<b>Molecular Mass</b>	99.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## 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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