

Recombinant Mouse Enpp3 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ectonucleotide pyrophosphatase/phosphodiesterase 3 (Enpp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	99.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	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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