

Recombinant Mouse Pon1 Protein, Myc/DDK-tagged

Cat. No. Pon1-5013M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length paraoxonase 1 (Pon1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification.
Molecular Mass	39.6 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pon1 paraoxonase 1 [Mus musculus (house mouse)]
Official Symbol	Pon1
Synonyms	PON1; paraoxonase 1; serum paraoxonase/arylesterase 1; PON 1; A-esterase 1; aromatic esterase 1; serum aryldialkylphosphatase 1; Pon
Gene ID	18979
mRNA Refseq	NM_011134
Protein Refseq	NP_035264
UniProt ID	P52430

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