

Recombinant Mouse Pon1 Protein, Myc/DDK-tagged

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

SPECIFICATION

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|-------------------------|---|
| 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

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|------------------------|--|
| 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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