

Serum paraoxonase/arylesterase 1 (Pon1) Recombinant Protein | Pon1 recombinant protein

Recombinant Mouse Serum paraoxonase/arylesterase 1 (Pon1)

CATALOG # AAA115646	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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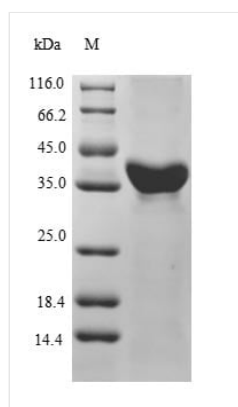
PRODUCT SYNONYMS

Serum paraoxonase/arylesterase 1 (Pon1); Recombinant Mouse Serum paraoxonase/arylesterase 1 (Pon1); Serum paraoxonase/arylesterase 1; PON 1; EC=3.1.1.2; EC=3.1.1.81; EC=3.1.8.1; Aromatic esterase 1; A-esterase 1; Serum aryldialkylphosphatase 1; Pon1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-355. Full Length of Mature Protein
Sequence	AKLLALTLVG LVLALYKNHR SSYQTRLNAF REVTPVELPN CNLVKGIETG AEDLEILPNG LTFSTGLKY PGIKSFDPSK PGKILLMDLN KKEPAVSELE IIGNTLDISS FNPHGISTFT DEDNTVYLLV VNHPDSSSTV EVFKFQEEER SLLHLKTITH ELLPSINDIA AIGPESFYAT NDHYFADPYL RSWEMYGLS WSNVYYSPD KVQVVAEGFD FANGIGISLD GKYVYIAELL AHKIHVYEKH ANWTLTPLKV LNFDTLVDNI SVDPVTGDLW VGCHPNGMRI FFYDAENPPG SEVLRIQNIL SEDPKITVVY AENGTVLQGT TVASVYKGL LIGTVFHKAL YCDL
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Pon1 recombinant protein	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.
Product Categories/Family for Pon1 recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	261823995
NCBI GeneID	18979
NCBI Accession #	NP_035264.2
NCBI GenBank Nucleotide #	NM_011134.3
UniProt Accession #	P52430; Q91X30
Molecular Weight	39.4 kDa
NCBI Official Full Name	serum paraoxonase/arylesterase 1
NCBI Official Synonym Full Names	paraoxonase 1
NCBI Official Symbol	Pon1
NCBI Official Synonym Symbols	Pon
NCBI Protein Information	serum paraoxonase/arylesterase 1; PON 1; A-esterase 1; aromatic esterase 1; serum arylalkylphosphatase 1
UniProt Protein Name	Serum paraoxonase/arylesterase 1
UniProt Gene Name	Pon1
UniProt Synonym Gene Names	Pon; PON 1; A-esterase 1
UniProt Entry Name	PON1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pon1-recombinant-protein-e-coli/115646>