

Serum paraoxonase/lactonase 3 (Pon3) Recombinant Protein | Pon3 recombinant protein

Recombinant Rat Serum paraoxonase/lactonase 3 (Pon3)

CATALOG # AAA116574	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Serum paraoxonase/lactonase 3 (Pon3); Recombinant Rat Serum paraoxonase/lactonase 3 (Pon3); Pon3 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	2-354, full length protein
Sequence	GKLVALTVLG ASLALLGERL LNFRRVSTS REIKPTEPQN CHLIEGLENG SEDIDILPSG LAFISTGLKY PGMPSFAPDK PGRIFLMDLN EPYPKAQALE ISDGFDDQSL NPHGISTFID KDNTVYLYAV NHPHMDSTVE IFKFEEQPRS LVHLKTIKHE LFESVNDIVV LGPEQFYATR DHYFTSHFLV LLEMILDPHW TSVLFYSPKE VKVVAQGFSS ANGITVSLDQ KYVYVADVTA KNIHIMKKHN NWDLTPVKVI QLGLTVDNLT VDPATGDILA GCHPNPMKLL IYNPEDPPGS EVLRIQDPLS DNPRVSTLYS NNGSVLQGST VASVYHKKML IGTIFHKALY CEL
Sequence Length	353
Species	Rat
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.

ADDITIONAL INFORMATION

Related Product Information for Pon3 recombinant protein	This gene is a member of the paraoxonase family and lies in a cluster on chromosome 7 with the other two family members. The encoded protein is secreted into the bloodstream and associates with high-density lipoprotein (HDL). The protein also rapidly hydrolyzes lactones and can inhibit the oxidation of low-density lipoprotein (LDL), a function that is believed to slow the initiation and progression of atherosclerosis. Alternatively spliced variants which encode different protein isoforms have been described; however, only one has been fully characterized.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51854237
NCBI GeneID	312086
NCBI Accession #	NP_001004086.1
NCBI GenBank Nucleotide #	NM_001004086.1
UniProt Accession #	Q68FP2
Molecular Weight	39,458 Da
NCBI Official Full Name	serum paraoxonase/lactonase 3
NCBI Official Synonym Full Names	paraoxonase 3
NCBI Official Symbol	Pon3

NCBI Protein Information	serum paraoxonase/lactonase 3
UniProt Protein Name	Serum paraoxonase/lactonase 3
UniProt Gene Name	Pon3

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.

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Online datasheet: <https://stage.aaabiotech.com/pon3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116574>