Serum paraoxonase/arylesterase 2 (Pon2) Recombinant Protein | Pon2 recombinant protein

Recombinant Mouse Serum paraoxonase/arylesterase 2 (Pon2)

CATALOG #	HOST
AAA116651	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Serum paraoxonase/arylesterase 2 (Pon2); Recombinant Mouse Serum paraoxonase/arylesterase 2 (Pon2); Pon2 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	1-354, full length protein
Sequence	MGRMVALSLL GIGLALLGER FLALRSRLKA SREVESVDLP NCHLIKGIET GAEDIDILPN GLAFFSVGLK FPGLHSFAPD KPGGILMMDL KDERPRALEL RVSWGFDLAS FNPHGISTFI DDDDTVYLFV VNHPQFKSTV EIFKFQEEEN SLLHLKTIKH ELLPSVNDII AVGPTHFYAT NDHYFSDPFL KYLETYLNLH WANVVYYSPE EVKLVAEGFD SANGINISPD KKYVYVADIL AHEIHVLEKQ PNMNLTQLKV LQLGTLVDNL SIDPSSGDIW VGCHPNGQRL FVYHPNHPPA SEVLRIQNIL SEKPSVTTVY INNGSVLQGS SVATIYDRKL LVGTLYQKAL YCEL
Sequence Length	354
Species	Mouse
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 Pon2 recombinant protein	This gene encodes a member of the paraoxonase gene family, which includes three known members located adjacent to each other on the long arm of chromosome 7. The encoded protein is ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular antioxidant, protecting cells from oxidative stress. Hydrolytic activity against acylhomoserine lactones, important bacterial quorum-sensing mediators, suggests the encoded protein may also play a role in defense responses to pathogenic bacteria. Mutations in this gene may be associated with vascular disease and a number of quantitative phenotypes related to diabetes. Alternatively spliced transcript variants encoding different isoforms have been described.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34303979
NCBI GeneID	330260
NCBI Accession #	NP_899131.1
NCBI GenBank Nucleotide #	NM_183308.2
UniProt Accession #	Q62086; Q3TAD3; Q8CFK3
Molecular Weight	39,617 Da
NCBI Official Full Name	serum paraoxonase/arylesterase 2

NCBI Official Synonym Full Names	paraoxonase 2
NCBI Official Symbol	Pon2
NCBI Official Synonym Symbols	AI481612; 6330405I24Rik
NCBI Protein Information	serum paraoxonase/arylesterase 2
UniProt Protein Name	Serum paraoxonase/arylesterase 2
UniProt Gene Name	**Pon2**
UniProt Synonym Gene Names	PON 2; A-esterase 2

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/pon2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116651