Paraoxonase-2 Recombinant Protein | PON2 recombinant protein

Recombinant Human Paraoxonase-2

CATALOG #	HOST	APPLICATIONS
AAA38264	**E Coli**	**Immunoprecipitation, ELISA, Western Blot**

PRODUCT SYNONYMS

Paraoxonase-2; Recombinant Human Paraoxonase-2; Serum paraoxonase; arylesterase 2; EC 3.1.1.2; EC 3.1.8.1; PON 2; Serum aryldialkylphosphatase 2; A-esterase 2; Aromatic esterase 2; PON2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.
Form/Format	0.1 mg/ml PON2 is supplied in PBS and 50% glycerol. Sterile Filtered clear solution.
Sequence	MGRLVAVGLL GIALALLGER LLALRNRLKA SREVESVDLP HCHLIKGIEA GSEDIDILPN GLAFFSVGLK FPGLHSFAPD KPGGILMMDL KEEKPRAREL RISRGFDLAS FNPHGISTFI DNDDTVYLFV VNHPEFKNTV EIFKFEEAEN SLLHLKTVKH ELLPSVNDIT AVGPAHFYAT NDHYFSDPFL KYLETYLNLH WANVVYYSPN EVKVVAEGFD SANGINISPD DKYIYVADIL AHEIHVLEKH TNMNLTQLKV LELDTLVDNL SIDPSSGDIW VGCHPNGQKL FVYDPNNPPS SEVLRIQNIL SEKPTVTTVY ANNGSVLQGS SVASVYDGKL LIGTLYHRAL YCELZ
Sequence Length	354
Applicable Applications for PON2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Preparation and Storage	Store at 4 degree C if entire vial will be used within 1-2 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PON2 recombinant protein	**Description:** Paraoxonase-2 Human Recombinant is expressed in E Coli having a molecular weight of 43.5 kDa and fused to an amino terminal hexahistidine tag.The PON2 purified by proprietary chromatographic techniques. **Introduction:** Paraoxonase 2 (PON2) is a member of a multigene family whose genes share 65% identity at the amino acid level, and is expressed in a variety of tissues, including the pancreas. PON2 overexpression has been shown to lower the intracellular oxidative state and reduce the cells ability to oxidize LDL. PON2 is therefore implicated in the modulation of oxidative stress.
Product Categories/Family for PON2 recombinant protein	Enzymes; Paraoxonase

NCBI AND UNIPROT INFORMATION

NCBI GI #	66529294
NCBI GeneID	5445
NCBI Accession #	NP_000296.2
NCBI GenBank Nucleotide #	NM_000305.2
UniProt Accession #	Q15165; O15114; O15115; O75856; Q5FBX7; Q86YL0; A4D1H7; B2RCP9; B4DJD5

Molecular Weight	43.5 kDa
NCBI Official Full Name	serum paraoxonase/arylesterase 2 isoform 1
NCBI Official Synonym Full Names	paraoxonase 2
NCBI Official Symbol	PON2
NCBI Protein Information	serum paraoxonase/arylesterase 2; A-esterase 2; PON 2; aromatic esterase 2; paraoxonase nirs; serum aryldialkylphosphatase 2
UniProt Protein Name	Serum paraoxonase/arylesterase 2
UniProt Gene Name	**PON2**
UniProt Synonym Gene Names	PON 2; A-esterase 2
UniProt Entry Name	PON2_HUMAN

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://www.aaabiotech.com/pon2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot/38264