Paraoxonase 1 (PON1) Recombinant Protein | PON1 recombinant protein

Recombinant Paraoxonase 1 (PON1)

CATALOG #	HOST	APPLICATIONS
AAA152223	**E Coli**	**Western Blot, SDS-Page**

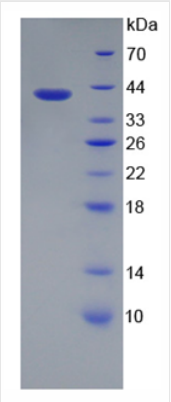
PRODUCT SYNONYMS

Paraoxonase 1 (PON1); Recombinant Paraoxonase 1 (PON1); PON1/Paraoxonase 1; ESA; PON; Esterase A; Serum paraoxonase/arylesterase 1; Aromatic esterase 1; A-esterase 1; Serum aryldialkylphosphatase 1; PON1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Ala2~Leu35 5
Applicable Applications for PON1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Isoelectric Point	4.9
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



SDS-PAGE
SDS-PAGE

Sequence

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AIMGNTLDMS SFNPHGISTF IDEDNTVYLL VVSHPDSSST VEVFKFQEEE
RSLLHLKTIT HELLPSINDI AAVGPESFYA TNDHYFADPY LRSWEMYLGL
SWSNVVYYSP DKVRVVADGF DFANGIGISL DGKYVYIAEL LAHKIHVYEK
HANWTLTPLK VLSFDTLVDN ISVDPVTGDL WVGCHPNGMR IFFYDSENPP
GSEVLRIQSI LSEDPKVTVV YAENGTVLQG TTVAAVYKGK LLIGTVFHRA
LCCDL
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ADDITIONAL INFORMATION

Product Categories/Family for PON1 recombinant protein	Metabolic pathway; Endocrinology; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	54292130
NCBI GeneID	84024
NCBI Accession #	NP_114466.1
NCBI GenBank Nucleotide #	NM_032077.1
UniProt Accession #	P55159; O08682; Q5BJN6
Molecular Weight	39,358 Da
NCBI Official Full Name	serum paraoxonase/arylesterase 1
NCBI Official Synonym Full Names	paraoxonase 1
NCBI Official Symbol	Pon1
NCBI Protein Information	serum paraoxonase/arylesterase 1
UniProt Protein Name	Serum paraoxonase/arylesterase 1
UniProt Gene Name	**Pon1**
UniProt Synonym Gene Names	Pon; PON 1; A-esterase 1

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/pon1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152223