

Paraoxonase 1 (PON1) Recombinant Protein | PON1 recombinant protein

Recombinant Paraoxonase 1 (PON1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133953	E.coli	Rat	Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Paraoxonase 1 (PON1); Recombinant Paraoxonase 1 (PON1); PON1 recombinant protein

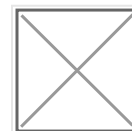
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rat
Purity/Purification	>92%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	200ug/mL (varies by lot)
Applicable Applications for PON1 recombinant protein	IP (Coimmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Residues	Ala2~Phe186
Tags	N-terminal His-Tag
Tissue Specificity	Liver, Kidney
Subcellular Location	Secreted, extracellular space
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
Predicted Molecular Mass	21.7kDa
Accurate Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	<p>Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.</p> <p>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p>

IMAGES



SDS-PAGE



Sequence

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
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; 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
UniProt Entry Name	PON1_RAT

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-ip-coimmunoprecipitation-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133953>