

Paraoxonase-1 Human Recombinant

Item Number	rAP-1455
Synonyms	Serum paraoxonase, arylesterase 1, EC 3.1.1.2, EC 3.1.8.1, PON 1, Serum arylalkylphosphatase 1, A-esterase 1, Aromatic esterase 1, K-45, ESA, PON.
Description	Paraoxonase-1 Isoform Human Recombinant is expressed in E. coli having a molecular weight of 42.9 kDa and fused to a 4.5kDa amino terminal hexahistidine tag. The PON1 purified by proprietary chromatographic techniques.
Uniprot Accession Number	P27169
Amino Acid Sequence	MAKLIALTLLGMGLALFRNHQSSYQTRLNALREVQPVELPNCNLVKGIETGS- EDLEILPNGLAFISSGLKYPGIKSFNPNSPGKILLMDLNEEDPTVLELGITGSKFDVSSFNPHGISTFTDEDNA MYLLVVNHPDAKSTVELFKFQEEEEKSLLHLKTIRHKLLPNLNDIVAVGPEHFYGTNDHYFLDPYLRSWEMYL GLAWSYVVYYSPSEVRVVAEGDFANGINISPDGKYVYIAELLAHKIHVYEKHNWTLTPLKSLDFNTLVNDNI SVDPETGDLWVGCHPNGMKIFFYDSENPPASEVLRIQNILTEEPKVTQVYAENGTVLQGSTVASVYKGKLLI GTVFHKALYCELZ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
Formulation and Purity	PON1 is supplied in 20mM Tris-HCl pH 8.0 and 50% glycerol. Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.
Application	Arylesterase 1 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested.
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**