

PON1

Recombinant Human Paraoxonase-1 His

Catalog No.	CSI12658 CSI12659 CSI12660	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	ESA, PON, arylesterase B-type, esterase A, paraoxonase B-type, serum aryldiacylphosphatase		
Description:	<p>Paraoxonase 1 also called Esterase-A is involved in the detoxification of organophosphate insecticides such as parathion. Paraoxonase 1 may also confer protection against coronary artery disease by destroying proinflammatory oxidized lipids present in oxidized low-density lipoproteins (LDLs).</p> <p>Paraoxonase-1 Isoform Human Recombinant is expressed in <i>E. coli</i> 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.</p>		
Gene ID:	5444		
Physical Appearance:	Sterile Filtered clear solution.		
Source:	<i>E. coli</i>		
Formulation:	PON1 is supplied in 1x PBS, 50% glycerol.		
Purity:	<p>Greater than 95% as determined by SDS-PAGE.</p> <p>Single band on Western Blot.</p>		
Amino Acid Sequence:	MAKLIALTLL GMGLALFRNH QSSYQTRLNA LREVQPVELP NCNLVKGIET GSEDLLEILPN GLAFISSGLK YPGIKSFNPN SPGKILLMDL NEEDPTVLEL GITGSKFDVS SFNPHGISTF TDEDNAMYLL VVNHPDAKST VELFKFQEEE KSLHLKTIR HKLLPNLNDI VAVGPEHFYG TNDHYFLDPY LRSWEMYLGL AWSYVVYYSP SEVRVVAEGF DFANGINISP DGKYVYIAEL LAHKIHVYEK HANWTLTPLK SLDFNTLVND ISVDPETGDL WVGCHPNGMK IFFYDSENPP ASEVLRIQNI LTEEPKVTQV YAENGTVLQG STVASVYKGK LLIGTVFHKA LYCELZ.		
Applications:	<p>Arylesterase 1 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments.</p> <p>The biological activity of this product has not yet been tested.</p>		
Storage & Stability:	<p>Store at 4°C if entire vial will be used within 1-2 weeks.</p> <p>Store, frozen at -20°C for longer periods of time.</p> <p>Avoid multiple freeze-thaw cycles.</p>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

