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32-2702: PON1 Recombinant Protein

Alternative Name : Serum paraoxonase,arylesterase 1,EC 3.1.1.2,EC 3.1.8.1,PON 1,Serum aryldialkylphosphatase 1,A-esterase 1,Aromatic esterase 1,K-45,ESA,PON.

Description

Source : Escherichia Coli. 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. 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).

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.
Content :	PON1 is supplied in 20mM Tris-HCl pH 8.0 and 50% glycerol.
Storage condition :	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.
Amino Acid :	MAKLIALTLLGMGLALFRNHQSSYQTRLNALREVQPVELPNCNLVKGIETGSEDLEILPNGLAFISSGLKYPGIKSF NPNSPGKILLMDLNEEDPTVLELGITGSKFDVSSFNPHGISTFTDEDNAMYLLVVNHPDAKSTVELFKFQEEEKS LLHLKTIRHKLLPNLNDIVAVGPEHFYGTNDHYFLDPYLRSWEMYLGLAWSYVVYYSPSEVRVVAEGFDFANGI NISPDGKYVYIAELLAHKIHVYEKHANWTLTPLKSLDFNTLVDNISVDPETGDLWVGCHPNGMKIFFYDSENPPA SEVLRIQNILTEEPKVTQVYAENGTVLQGSTVASVYKGKLLIGTVFHKALYCELZ.

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