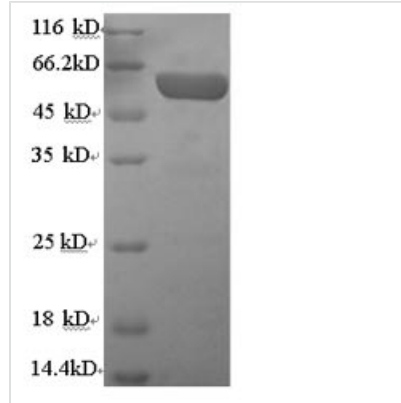




Recombinant Human Serum paraoxonase/arylesterase 1(PON1)

Product Code	CSB-EP018369HU
Relevance	Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification and the consequent series of events leading to atheroma formation.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P27169
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Aromatic esterase 1 ;A-esterase 1K-45Serum aryldialkylphosphatase 1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AKLIALTLLGMGLALFRNHQSSYQTRLNALREVQPVELPNCNLVKGIETGSEDL EILPNGLAFISSGLKYPGIKSFNPNSPGKILLMDLNEEDPTVLELGITGSKFDVSS FNPHGISTFTDEDNAMYLLVVNHPDAKSTVELFKFQEEESLLHLKTIRHKLLP NLNDIVAVGPEHFYGTNDHYFLDPYLSWEMYLGLAWSYVVVYSPSEVRVVA EGFDFANGINISPDGKYVYIAELLAHKIHVYEKXANWTLTPLKSLDFNTLVDNIS VDPETGDLWVGCHPNGMKIFFYDSENPPASEVLRIQNILTEEPKVTQVYAENG TVLQGSTVASVYK GKLLIGTVFHKALYCEL
Lead Time	3-7 business days
Research Area	Cardiovascular
Source	E.coli
Gene Names	PON1
Expression Region	2-355aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	66.6kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.