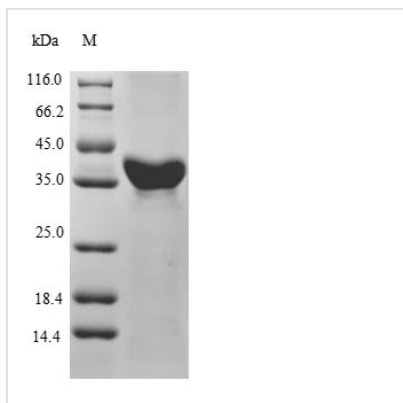




Recombinant Mouse Serum paraoxonase/arylesterase 1 (Pon1)

Product Code	CSB-EP347323MO
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.
Abbreviation	Recombinant Mouse Pon1 protein
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.	P52430
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	AKLLALTLVGLVLLALYKNHRSSYQTRLNAFREVTPVELPNCNLVKGIETGAEDL EILPNGLTFSTGLKYPGIKSFDPSPKPKILLMDLNKKEPAVSELEIIGNTLDISSF NPHGISTFTDEDNTVYLLVNHDPSSSTVEVFKFQEEERSLLHLKTITHELLPSI NDIAAIGPESFYATNDHYFADPYLRSEWEMYLGLSWSNVVYVYSPDKVQVVAEG FDFANGIGISLDGKYVYIAELLAHKIHHVYEKHANDWTLTPLKVLNFDLVDNISVDP VTGDLWVGCHPNGMRIFFYDAENPPGSEVLRIQNILSEDPKITVVYAENGTVLQ GTTVASVYKGGKLLIGTVFHKALYCDL
Research Area	Neuroscience
Source	E.coli
Target Names	Pon1
Protein Names	Aromatic esterase 1
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	Tag-Free
Mol. Weight	39.4 kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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