



Product Datasheet

Product Name	Recombinant Human Paraoxonase-1
Cata No	CB500439
Source	Escherichia Coli.
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 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).

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.

Physical Appearance

Sterile Filtered clear solution.

Formulation

PON1 is supplied in 1xPBS, 50% glycerol.

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.

Storage Conditions

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Single band on Western Blot.

*** For Non-Clinical Research Use Only ***