



## Product Datasheet

<b>Product Name</b>	Paraoxonase-2 Human Recombinant
<b>Cata No</b>	CB500477
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	Serum paraoxonase, arylesterase 2, EC 3.1.1.2, EC 3.1.8.1, PON 2, Serum arylalkylphosphatase 2, A-esterase 2, Aromatic esterase 2.

### Description

Paraoxonase 2 (PON2) is a member of a multigene family whose genes share 65% identity at the amino acid level, and is expressed in a variety of tissues, including the pancreas. PON2 overexpression has been shown to lower the intracellular oxidative state and reduce the cells ability to oxidize LDL. PON2 is therefore implicated in the modulation of oxidative stress.

Paraoxonase-2 Human Recombinant is expressed in *E. coli* having a molecular weight of 43.5 kDa and fused to an amino terminal hexahistidine tag.

The PON2 purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### Purity

Greater than 95% as determined by SDS-PAGE.  
Single band on Western Blot.

### Formulation

0.1 mg/ml PON2 is supplied in PBS and 50% glycerol.

### Applications

Arylesterase 2 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.