
Paraoxonase 2

Human, Recombinant, *E. coli*

Cat. No.: RCP9227

Size: 10µg

Synonym: PON 2, Serum paraoxonase/arylesterase 2, aryldialkylphosphatase 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.

RANDOX recombinant PON 2 comprises a 354 amino acid fragment (1-354) corresponding to the mature PON 2 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid. Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Rosenblat M. *et al.* (2003) *Arterioscler Thromb Vasc Biol.* **23(3):** 468-74.