
Product Data Sheet

Product Name: PON2 Human
Cat. No.: GP22122
Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition

Synonyms Serum paraoxonase; arylesterase 2; EC 3.1.1.2; EC 3.1.8.1; PON 2; Serum aryldialkylphosphatase 2; A-esterase 2; Aromatic estera

Amino Acid Sequence MGRLVAVGLLGIALALLGERLLALRNRLKASREVESVDLPCHLIKIEAGSEIDILPNGLAFFSVGLKFPGLHSFAPDKPGGILMMDLKEEKPRARELRIS

Formulation PON2 is supplied in PBS and 50% glycerol.

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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