

Phospholipid hydroperoxide glutathione peroxidase Recombinant Protein | GPX4 recombinant protein

Recombinant ongo pygmaeus (Bornean orangutan) Phospholipid hydroperoxide glutathione peroxidase, mitochondrial

CATALOG # AAA117191	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

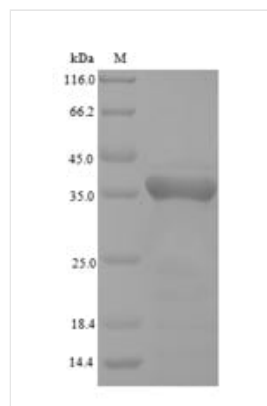
PRODUCT SYNONYMS

Phospholipid hydroperoxide glutathione peroxidase; Recombinant ongo pygmaeus (Bornean orangutan) Phospholipid hydroperoxide glutathione peroxidase; mitochondrial; Glutathione peroxidase 4; GPx-4; GSHPx-4; GPX4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-170aa; Cytoplasmic Domain
Sequence	MSLGRLCRLL KPALLCGALA APGLAGTMCA SRDDWRCARS MHEFSAKDID GHMVNLDKYR GFVCIVTNVA SQUGKTEVNY TQLVDLHARY AECGLRILAF PCNQFGKQEP GSNEEIKEFA AGYNVKFDMF SKICVNGDDA HPLWKWMIQ PKGKGILGNA IKWNFTKFLI
Sequence Length	197
Species	ongo pygmaeus (Bornean orangutan)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GPX4 recombinant protein	Could play a major role in protecting mammals from the toxicity of ingested lipid hydroperoxides. Essential for embryonic development. Protects from radiation and oxidative damage
References	"Structure, gene expression, and evolution of primate glutathione peroxidases." Fukuhara R., Kageyama T. Comp. Biochem. Physiol. 141B:428-436(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	182637572
UniProt Accession #	Q4AEH2
Molecular Weight	35 kDa
NCBI Official Full Name	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial
UniProt Protein Name	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial
UniProt Gene Name	GPX4
UniProt Synonym Gene Names	PHGPx; GPx-4; GSHPx-4
UniProt Entry Name	GPX4_PONPY

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gpx4-recombinant-protein-e-coli/117191>