

Glutathione Peroxidase 4 (GPX4) Recombinant Protein | GPX4 recombinant protein

Recombinant Glutathione Peroxidase 4 (GPX4)

CATALOG # AAA134437	HOST E. Coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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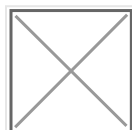
PRODUCT SYNONYMS

Glutathione Peroxidase 4 (GPX4); Recombinant Glutathione Peroxidase 4 (GPX4); GPX4 recombinant protein

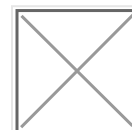
PRODUCT SPECIFICATIONS

Host	E. Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GPX4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Predicted Isoelectric Point	6.9
Source	Prokaryotic expression
Residues	Gly74~Phe197
Tags	N-terminal His and GST Tag
Subcellular Location	Mitochondrion, Cytoplasm
Traits	Freeze-dried powder
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE


Gene Sequence
Gene Sequencing (extract)



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	182637572
UniProt Accession #	Q4AEH2
Molecular Weight	Predicted Molecular Mass: 44.2kDa Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.
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.

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Online datasheet: <https://stage.aaabiotech.com/gpx4-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134437>