

Glutathione Peroxidase 6 Recombinant Protein | GPX6 recombinant protein

Recombinant Glutathione Peroxidase 6, Olfactory (GPX6)

CATALOG # AAA145953	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutathione Peroxidase 6; Recombinant Glutathione Peroxidase 6; Olfactory (GPX6); GPX6 recombinant protein

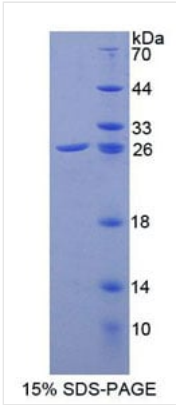
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM DTT, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for GPX6 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Gln20~Gln221
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
Predicted Molecular Mass	26.5kDa
Accurate Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) 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°C for one month. Aliquot and store at -80°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°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

Q ETLNPQSKSV DCNKGVTGTV YEYGANTIDG
GEFVNQQQYA GKHLIFVNVA SFCGLTATYP ELNLTQEELK PFNNTVLGFP
CNQFGKQEPG KNSEILLGLK YVRPGGCVVP NFQLFEKGDV NGDNEQKVFS
FLKNSCPPTS ELFGSPEHLF WDPMKVHDIR WNFEKFLVGP DGVPMRWFH
HTPVRIVQSD IMEYLNQTST Q

Application Data
Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	30681827
NCBI GeneID	826765
NCBI Accession #	NP_192897.2
NCBI GenBank Nucleotide #	NM_117229.3
NCBI Official Full Name	glutathione peroxidase 6
NCBI Official Symbol	GPX6
NCBI Official Synonym Symbols	ATGPX6; glutathione peroxidase 6; GPX6; LSC803; PHGPX; T5C23.30; T5C23_30
NCBI Protein Information	glutathione peroxidase 6
UniProt Protein Name	Probable phospholipid hydroperoxide glutathione peroxidase 6, mitochondrial
UniProt Gene Name	GPX6
UniProt Synonym Gene Names	GPX1; AtGPX1; PHGPx
UniProt Entry Name	GPX6_ARATH

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://stage.aaabiotech.com/gpx6-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145953>