

Epididymal secretory glutathione peroxidase (GPX5) Recombinant Protein | GPX5 recombinant protein

Recombinant Pig Epididymal secretory glutathione peroxidase (GPX5)

CATALOG # AAA114970	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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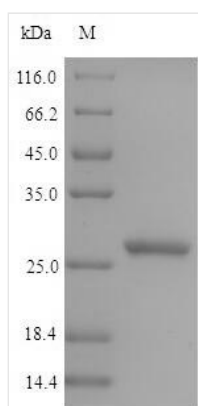
PRODUCT SYNONYMS

Epididymal secretory glutathione peroxidase (GPX5); Recombinant Pig Epididymal secretory glutathione peroxidase (GPX5); Epididymal secretory glutathione peroxidase; EC=1.11.1.9; Epididymis-specific glutathione peroxidase-like protein; EGLP; Glutathione peroxidase 5; GPx-5; GSHPx-5; GPX5 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	22-219aa; Full Length of Mature Protein
Sequence	NSNLEKMDCY KDVGTGIYDY DAFTLNGNEH IQFKQYAGKH VLFVNVATYC GLTAQYPELN TLQEELKPFGLVVLGFPCNQ FGKQEPGENS EILLGLKYVR PGGGYVPNFQ LFEKGDVNGE KEQKVFTFLK HSCPHPSLI GSIGYISWEP IRVHDIRWNF EKFLVGPDGV PVMRWVHETP ISTVKSDILA YLKQFKTE
Sequence Length	219
Species	Sus scrofa (Pig)
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GPX5 recombinant protein	May constitute a glutathione peroxidase-like protective system against peroxide damage in sperm membrane lipids. Since the purified porcine enzyme has very little activity towards hydrogen peroxide or organic hydroperoxides the protective effect is not likely to be exerted by its enzymatic activity. Instead, may protect sperm from premature acrosome reaction in the epididymis by binding to lipid peroxides, which might otherwise interact with phospholipase A2 and induce the acrosome reaction.
Product Categories/Family for GPX5 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523090
NCBI GeneID	396920
NCBI Accession #	NP_999051.1
NCBI GenBank Nucleotide #	NM_213886.1
UniProt Accession #	O18994
Molecular Weight	26.1 kDa
NCBI Official Full Name	epididymal secretory glutathione peroxidase
NCBI Official Symbol	GPX5
NCBI Protein Information	epididymal secretory glutathione peroxidase; EGLP; GPx-5; GSHPx-5; epididymis-specific glutathione peroxidase-like protein; epididymis-specific glutathione peroxidase 23kDa subunit
UniProt Protein Name	Epididymal secretory glutathione peroxidase
UniProt Gene Name	GPX5
UniProt Synonym Gene Names	EGLP; GPx-5; GSHPx-5
UniProt Entry Name	GPX5_PIG

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://www.aaabiotech.com/gpx5-recombinant-protein-e-coli/114970>