



Recombinant *Macaca fascicularis* Epididymal secretory glutathione peroxidase (GPX5)

Product Code	CSB-EP009870MOV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P28714
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca fascicularis</i> (Crab-eating macaque) (<i>Cynomolgus</i> monkey)
Purity	>85% (SDS-PAGE)
Sequence	SPKQETMKM DCHKDEKGTI YDYEAIALNK NEYVPFKQYV GKHILFVNVA TYCGLTAQYP ELNALQEELK PYGLVVLGFP CNQFGKQEPG DNKEILPGLK YVRPGGGFVP NFQLFEKGDV NGEKEQKVFS FLKHSCPHPS EILGTFKSIS WDPVKVHDIR WNFEKFLVGP DGIPVMRWSH RATVSSVKTD ILAYLKQFKT K
Source	<i>E.coli</i>
Target Names	GPX5
Protein Names	Recommended name: Epididymal secretory glutathione peroxidase EC= 1.11.1.9 Alternative name(s): Epididymis-specific glutathione peroxidase-like protein Short name= EGLP Glutathione peroxidase 5 Short name= GPx-5 Short
Expression Region	22-221
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.