



Recombinant Pongo pygmaeus Phospholipid hydroperoxide glutathione peroxidase (GPX4) (U73S), partial

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|--------------------------|---|
| Product Code | CSB-BP670014EXP |
| Abbreviation | GPX4 |
| Storage | 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. |
| Uniprot No. | Q4AEH2 |
| Storage Buffer | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
| Product Type | Recombinant Proteins |
| Immunogen Species | Pongo pygmaeus (Bornean orangutan) |
| Purity | >85% (SDS-PAGE) |
| Source | Baculovirus |
| Target Names | GPX4 |
| Protein Names | Recommended name: Phospholipid hydroperoxide glutathione peroxidase, mitochondrial Short name= PHGPx EC= 1.11.1.12Alternative name(s): Glutathione peroxidase 4 Short name= GPx-4 Short name= GSHPx-4 |
| Expression Region | - |
| 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 | Cytoplasmic domain |
| 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. |