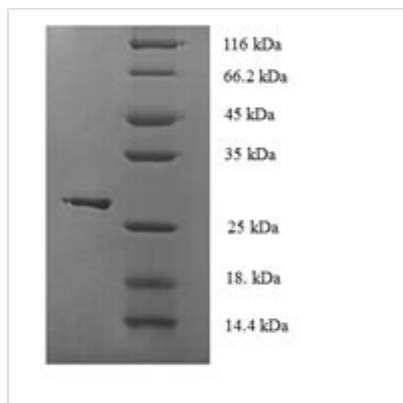




# Recombinant Human Glutathione peroxidase 1 (GPX1) (U49S)

<b>Product Code</b>	CSB-EP009866HU
<b>Relevance</b>	Protects the hemoglobin in erythrocytes from oxidative breakdown.
<b>Abbreviation</b>	Recombinant Human GPX1 protein (U49S)
<b>Storage</b>	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.
<b>Uniprot No.</b>	P07203
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MCAARLAAAAAAAAQSVYAFSARPLAGGEPVSLGSLRGKVLLIENVASLSGTTV RDYTQMNELQRRRLGPRGLVVLGFPCNQFGHQENAKNEEILNSLKYVRPGGGF EPNFMLFEKCEVNGAGAHPLFAFLREALPAPSDDATAALMTDPKLITWSPVCRN DVAWNFEKFLVGPDGVPLRRYSRRFQTIDIEPDIEALLSQGPSCA
<b>Source</b>	E.coli
<b>Target Names</b>	GPX1
<b>Protein Names</b>	Recommended name: Glutathione peroxidase 1 Short name= GPx-1 Short name= GSHPx-1 EC= 1.11.1.9Alternative name(s): Cellular glutathione peroxidase
<b>Expression Region</b>	1-203aa(U49S)
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	26.1kDa
<b>Protein Length</b>	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### 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.