

Recombinant Human GPX8 protein, His-tagged

Cat. No. GPX8-3565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPX8 protein(38-209 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-209 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	KFLKPKINSFYAFEVKDAKGRTVSLEKYKGKVSLLVNVASDCQLTDRNYLGLKELHK EFGPSHFVSLAFPCNQFGESEPRPSKEVESFARKNYGVTFPIFHKIKILGSEGEPAFR FLVDSSKKEPRWNFWKYLVNPEGQVVKFWRPEEPIEVIRPDIAALVRQVIKKKEDL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	GPX8 glutathione peroxidase 8 (putative) [Homo sapiens]
Official Symbol	GPX8
Synonyms	GPX8; glutathione peroxidase 8 (putative); probable glutathione peroxidase 8; EPLA847; UNQ847; GPx-8; GSHPx-8;
Gene ID	493869
mRNA Refseq	NM_001008397
Protein Refseq	NP_001008398
UniProt ID	Q8TED1

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