

Recombinant Human GPX1 protein, His-SUMO-tagged

Cat. No. GPX1-2990H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPX1 protein(P07203)(1-203aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-203aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	38.1 kDa
AA Sequence	MCAARLAAAAAAQSVYAFSARPLAGGEPVSLGSLRGKVLLIENVASLSGTTVRDYT QMNELQRRLLGPRGLVVLGFPCNQFGHQENAKNEEILNSLKYVRPGGGFEPNFMFLF EKCEVNGAGAHPLFAFLREALPAPSDDATALMTDPKLITWSPVCRNDVAWNFEKFL VGPDGVPLRRYSRRFQTIDIEPDIEALLSQGPSCA
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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%.

GENE INFORMATION

Gene Name	GPX1 glutathione peroxidase 1 [Homo sapiens]
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Official Symbol	GPX1
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Synonyms	GPX1; glutathione peroxidase 1; GPx-1; GSHPx-1; cellular glutathione peroxidase; GPXD; GSHPX1; MGC14399; MGC88245;
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Gene ID	2876
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mRNA Refseq	NM_000581
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Protein Refseq	NP_000572
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MIM	138320
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UniProt ID	P07203
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