

Recombinant Human GPX7 protein, hFc-tagged

Cat. No. GPX7-7341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPX7 protein(NP_056511.2) (Met1-Leu187) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-187 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human GPX7/Fc is a disulfide-linked homodimer. The reduced monomer comprises 408 amino acids and has a predicted molecular mass of 46.1 kDa. The apparent molecular mass of the protein is approximately kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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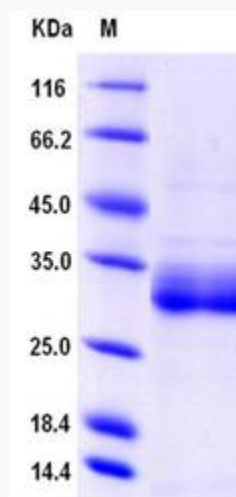
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GPX7 glutathione peroxidase 7 [Homo sapiens]
Official Symbol	GPX7
Synonyms	GPX7; glutathione peroxidase 7; FLJ14777; GPX6; NPGPx; glutathione peroxidase 6; non-selenocysteine containing phospholipid hydroperoxide glutathione peroxidase; CL683; GPx-7; GSHPx-7;
Gene ID	2882
mRNA Refseq	NM_015696
Protein Refseq	NP_056511
UniProt ID	Q96SL4

SDS-PAGE



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