

Recombinant Human GPX7 protein(Met1-Leu187), hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GPX7 (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 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 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

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