

Recombinant Human GPX7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GPX7-3816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GPX7 MS Standard C13 and N15-labeled recombinant protein (NP_056511) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	GPX7 (Glutathione Peroxidase 7) is a Protein Coding gene. Diseases associated with GPX7 include Barrett Esophagus and Gastroesophageal Reflux. Among its related pathways are Detoxification of Reactive Oxygen Species and Aldosterone synthesis and secretion. Gene Ontology (GO) annotations related to this gene include oxidoreductase activity and peroxidase activity. An important paralog of this gene is GPX8.
Molecular Mass	21 kDa
AA Sequence	MVAATVAAAWLLLWAAACAQQEQDFYDFKAVNIRGKLVLSLEKYRGSVSLVNVASE CGFTDQHYRALQQLQRDLGPHHFNVLAFFPCNQFGQQEPDSNKEIESFARRTYSVSF PMFSKIAVTGTGAHPAFKYLAQTSGKEPTWNFWKYLVPDGGKVVGAWDPTVSVEE VRPQITALVRKLILLKREDLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GPX7 glutathione peroxidase 7 [Homo sapiens (human)]

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

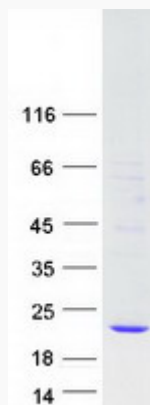
MIM 615784

UniProt ID Q96SL4

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SDS-PAGE

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