Recombinant Mouse Gpx7 Protein, Myc/DDK-tagged

Cat. No. Gpx7-3300M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glutathione peroxidase 7 (Gpx7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	It protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxigen species (ROS) and protects against oxidative DNA damage and double-strand breaks.
Molecular Mass	21.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gpx7 glutathione peroxidase 7 [Mus musculus (house mouse)]
Official Symbol	Gpx7
Synonyms	GPX7; glutathione peroxidase 7; GPx-7; GSHPx-7; GPX6; AI327032; 3110050F08Rik
Gene ID	67305
mRNA Refseq	NM_024198
Protein Refseq	NP_077160
UniProt ID	Q99LJ6

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