

Product datasheet for TP501744

Gpx7 (NM_024198) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutathione peroxidase 7 (Gpx7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201744 protein sequence Red =Cloning site Green =Tags(s)
	MVAAVATAWLLLWAAACAQSEQDFYDFKAVNIRGKLVLSLEKYRGSVSLVNVASECGFTDQNYRALQQQLQ RDLGPHHFNVLAFCNQFGQQEPDTNREIENFARRTYSVSFPMFSKIAVTGTGAHPAFKYLTQTSGKEPT WNFWKYLVDPDGKVVGAWDPTVPVAEIKPRITEQVMKLILRKREDL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	21.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_077160</u>
Locus ID:	67305
UniProt ID:	<u>Q99LJ6</u> , <u>Q3TNK3</u>
RefSeq Size:	1214
Cytogenetics:	4 C7



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RefSeq ORF: 561

Synonyms: 3110050F08Rik; AI327032; GPX6

Summary: It protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks (By similarity).[UniProtKB/Swiss-Prot Function]