

## Product datasheet for TP503317

### Prdx3 (NM\_007452) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peroxiredoxin 3 (Prdx3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203317 protein sequence Red=Cloning site Green=Tags(s)

MAAAAGRLLWSSVARHASAISRSISASTVLRPVASRRCTLDILWSASAQGKSAFSTSSSFHTPAVTQHA  
PYFKGTAVVNGEFKELSLDDFKGKYLVLFFYPLDFTVCPTTEIVAFSDKANEFHDVNCEVAVSVDSHFS  
HLAWINTPRKNGGLGHMNITLLSDITKQISRDYGVLLSAGIALRGLFIIDPNGVVKHLSVNDLPVGRSV  
EETLRLVKAFQFVETHGEVCPANWTPESPTIKPSPTASKEYFEKVHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	28.1 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:	<a href="#">NP_031478</a>
Locus ID:	11757
UniProt ID:	<a href="#">P20108</a>
RefSeq Size:	1445



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<b>Cytogenetics:</b>	19 56.52 cM
<b>RefSeq ORF:</b>	774
<b>Synonyms:</b>	Aop1; AW822249; D0Tohi1; Ef2l; Mer5; Prx3; SP22; TDXM
<b>Summary:</b>	Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides.[UniProtKB/Swiss-Prot Function]