Recombinant Mouse Prdx4 protein, His-tagged

Cat. No. Prdx4-7544M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prdx4 protein(O08807)(41-274aa(L41YGRKKRRQRRRL)), fused with C-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	41-274aa(L41YGRKKRRQRRRL)
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	29.0 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

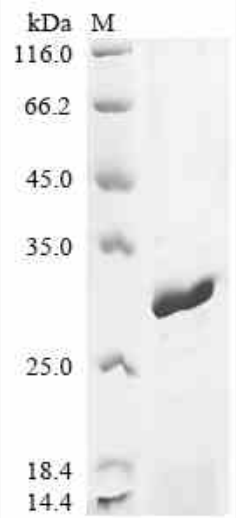
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AA Sequence	YGRKKRRQRRRLESDERFRTRENECHFYAGGQVYPGEASRVSVADHSLHLSKAKI SKPAPYWEGTAVINGEFKELKLTDYRGKYLVFFFYPLDFTFVCPTEIIAFGDRIEEFKS INTEVVACSVDSQFTHLAWINTPRRQGGLGPIRIPLLSDLNHQISKDYGVYLEDSGHT LRGLFIIDDKGVLRQITLNDLPVGRSVDETLRLVQAFQYTDKHGEVCPAGWKPGSETI IPDPAGKLKYFDKLN

GENE INFORMATION

Gene Name	Prdx4 peroxiredoxin 4 [Mus musculus]
Official Symbol	Prdx4
Synonyms	PRDX4; peroxiredoxin 4; peroxiredoxin-4; Prx IV; peroxiredoxin IV; antioxidant enzyme AOE372; thioredoxin peroxidase AO372; thioredoxin-dependent peroxide reductase A0372; Prx4; TRANK; AOE372; Prx-iv;
Gene ID	53381
mRNA Refseq	NM_016764
Protein Refseq	NP_058044

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SDS-PAGE	

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