

## Product datasheet for **TP720568M**

### Peroxiredoxin 4 (PRDX4) (NM\_006406) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxiredoxin 4 (PRDX4)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Trp38-Asn271
Tag:	N-His
Predicted MW:	33.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of PBS,PH7.4.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006397</a>
Locus ID:	10549
UniProt ID:	<a href="#">Q13162</a> , <a href="#">V9HW63</a>
Cytogenetics:	Xp22.11
Synonyms:	AOE37-2; AOE372; HEL-S-97n; PRX-4
Summary:	The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome



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**Product images:**

