

Product datasheet for **TP307780**

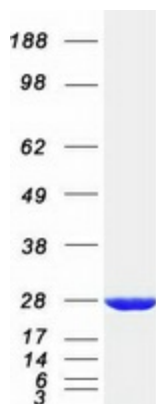
Peroxiredoxin 6 (PRDX6) (NM_004905) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxiredoxin 6 (PRDX6)
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	24.9 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
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:	NP_004896
Locus ID:	9588
RefSeq Size:	1715
Cytogenetics:	1q25.1
RefSeq ORF:	672
Synonyms:	1-Cys; aiPLA2; AOP2; HEL-S-128m; NSGPx; p29; PRX
Summary:	The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H ₂ O ₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Methane metabolism, Phenylalanine metabolism



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Product images:

Coomassie blue staining of purified PRDX6 protein (Cat# TP307780). The protein was produced from HEK293T cells transfected with PRDX6 cDNA clone (Cat# [RC207780]) using MegaTran 2.0 (Cat# [TT210002]).