

Product datasheet for **TP720510XL**

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:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Pro224
Tag:	N-His
Predicted MW:	27.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_004896
Locus ID:	9588
UniProt ID:	P30041 , V9HWC7
Cytogenetics:	1q25.1
Synonyms:	1-Cys; aiPLA2; AOP2; HEL-S-128m; LPCAT-5; 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:

