

## Product datasheet for **TP507989**

### Pyroxd1 (NM\_183165) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse pyridine nucleotide-disulphide oxidoreductase domain 1 (Pyroxd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207989 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MEAPRPAGTFVWVGGGIAGVTCAEQLAVSFPEEDILLVTASPVKAVTNFRQVSKVLEEFDVEEQPGIML  
ESRFPNIKVIESGVKQLKSEdHCIFTEDGREFVYKKLCLCAGAKPKLIYEGNPRVLGIRD TD SAQEFQKE  
LAKARRIMIVGNGGIALELAYEIEGCEVWAIKD NAIGN TFFDAGAAEFLTSKLMSEKSEAKTAHKRTIY  
TVEEAKKETRTKSKADYVGSALGPDWHGGLALKGTEEFSHSVHIETRCEVKKIYLEEEFKIMKKKSLAFP  
KDHHSVTADKEMWPVYVELTNGKIYGCDLVSATGVTNPVHPFLHRNNFALGEDGGLRVDDQMRTSLPD  
IYAAGDICTACWQSPVWQQMRLWTQARQMGYAAKCAAASMGHPIDMDFSELF AHVTKFFNYKVLL  
GKYNAQGLGADHELMLRCTRGRQEYVKVVMQNGRMMGAVLIGETDLEETFENLILNQMDLSSYGEDLLDPN  
IDIEDYFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.6 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_898988</a>



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Locus ID: 232491

UniProt ID: [Q3TMV7](#)

RefSeq Size: 2155

Cytogenetics: 6 G2

RefSeq ORF: 1497

**Summary:** Probable FAD-dependent oxidoreductase; involved in the cellular oxidative stress response (By similarity). Required for normal sarcomere structure and muscle fiber integrity (By similarity). [UniProtKB/Swiss-Prot Function]