

Product datasheet for **TP502793**

Nqo2 (NM_001163242) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-ribosyldihyronicotinamide quinone reductase 2 (Nqo2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202793 protein sequence Red =Cloning site Green =Tags(s) MAGKKVLIVYAHQEPKSFNGSLKKVAVEELSKQGCTVTVSDLYSMNFEPRATRNDITGAPSNPDVFSYGI ETHEAYKKKALTSDFEEQRKVQEADLVIFQFPLYWFSVPAILKGWMDRVLRCRGAFAFDIPGFYDSGFLKG KLALLSLTTGGTAEMYTKDGVSGDFRYFLWPLQHGTLHFCGFKVLAPQISFGLDVSSEERKVMLASWAQ RLKSIWKEEPIHCTPPWYFQE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26.2 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:	NP_001156714
Locus ID:	18105
UniProt ID:	Q9J175
RefSeq Size:	3821



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Cytogenetics:	13 14.01 cM
RefSeq ORF:	696
Synonyms:	NMO2; Nmor2; Ox2
Summary:	The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.[UniProtKB/Swiss-Prot Function]