

Product datasheet for TP527333

Nqo1 (NM_008706) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NAD(P)H dehydrogenase, quinone 1 (Nqo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227333 representing NM_008706 Red =Cloning site Green =Tags(s)
	<p>MAARRALIVLAHSEKTSFNAMKEAAVEALKKRGWEVLESPLYAMNPNPIISRNDITGELKDSKNFQYPS ESSLAYKEGRLSPDIVAEHKKLEAADLVIFQFPLQWFGVPAILKGWFERVLVAGFAYTYAAMYDNGPFQ KKTLLSITGGSGSMYSLQGVHGDMMNVILWPIQSGILRFCGFQVLEPQLVYSIGHTPPDARMQILEGWKK RLETVWEETPLYFAPSSFLDLNFQAGFLMKKEVQEEQKKNKFGLSVGHHLGKSIPADNQIKARK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	31.4 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_032732
Locus ID:	18104
UniProt ID:	Q64669 , Q542Y0
RefSeq Size:	1552



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Cytogenetics:	8 54.08 cM
RefSeq ORF:	822
Synonyms:	AV001255; Dia4; Dtd; Nmo-1; Nmo1; Nmor1; Ox-1; Ox1; Qr1
Summary:	The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons 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]