

Product datasheet for TP512805

Nadk2 (NM_001085410) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NAD kinase 2, mitochondrial (Nadk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212805 representing NM_001085410 Red=Cloning site Green=Tags(s)

MTCYRGFLLGSCRRVAGGRAALRGSGSGADGRRHLGHGQPRELAGGGSPADGGFRPSRWWWAKTTRYEF
EQQRYRYAELSEEDLKQLLALKGSSYSGLLERHHIHTKNVEHIIDSLRDEGIEVRLVKRREYDEETVRWA
DAVIAAGDGTMLLAASKVLDRLKPVIGVNTDPERSEGHLCPLVRYTHSFPEALRRFSRGEFRWLWRQRI
RLYLEGTGINPTPVDLHEQQLSLNQHSRAFNIERAHDERSEASGPQLLPVRALNEVFIGESLSSRMPYCW
AVAVDNLRRDIPNLKGLASYEISVDDGPWEKQKSSGLNLCTGTGSKAWSFNINRVAAQAVEDVLHIARR
QGNLTLPLNKDLVEKVTNEYNESLLYSPEEPKILFSIREPIANRVFSSSRQRCFSSKVCVRSRCWDACMV
VDGGTSFEFNDGAIASMMINKEDLRTVILEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.9 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:	<u>NP_001078879</u>
Locus ID:	68646



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UniProt ID: [Q8C5H8](#)

RefSeq Size: 3740

Cytogenetics: 15 A1

RefSeq ORF: 1356

Synonyms: MNADK; Nadkd1

Summary: Mitochondrial NAD(+) kinase that phosphorylates NAD(+) to yield NADP(+). Can use both ATP or inorganic polyphosphate as the phosphoryl donor (By similarity).[UniProtKB/Swiss-Prot Function]