

Product datasheet for **TP300544M**

NADK (NM_023018) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human NAD kinase (NADK), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200544 protein sequence
Red=Cloning site **Green**=Tags(s)

MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLASASPALGSTKEFRTRSLHGPCP
VTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKKMRDASLLQPFKELCTHLMEENMIVVVEK
KVLEDPAIASDESGAVKKKCFREFREDYDDISNQIDFIICLGGDGTLLYASSLFQGSVPPVMAFHLSLG
FLTPFSFENFQSQVTQVIEGNAAVVLRSLKVRVVKELRGKKTAVHNLGEGKSQAAGLMDVVGKQAMQY
QVLNEVIDRGPSSYLSNVDVYLDGHLITTVQGDGIVSTPTGSTAYAAAAGASMIHPNVPAIMITPICP
HLSLFRPIWVPAGVELKIMLSPEARNTAWVSFDGRKRQEIRHGDSISITTSYPLPSICVRDPVSDWFES
LAQCLHWNVRKKQAHFEFFFFFFE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

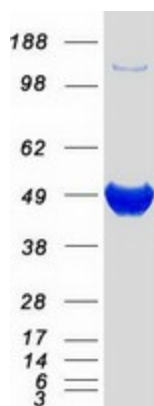
RefSeq: [NP_075394](#)



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Locus ID:	65220
UniProt ID:	O95544 , A0A024R058 , F5GXR5
RefSeq Size:	3244
Cytogenetics:	1p36.33
RefSeq ORF:	1338
Synonyms:	dj283E3.1
Summary:	NADK catalyzes the transfer of a phosphate group from ATP to NAD to generate NADP, which in its reduced form acts as an electron donor for biosynthetic reactions (Lerner et al., 2001 [PubMed 11594753]).[supplied by OMIM, Mar 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Nicotinate and nicotinamide metabolism

Product images:



Coomassie blue staining of purified NADK protein (Cat# [TP300544]). The protein was produced from HEK293T cells transfected with NADK cDNA clone (Cat# [RC200544]) using MegaTran 2.0 (Cat# [TT210002]).