

Product datasheet for **TP300544L**

NADK (NM_023018) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NAD kinase (NADK), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200544 protein sequence Red =Cloning site Green =Tags(s)

MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSASPALGSTKEFRRTRSLHGPCP
VTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKKMRDASLLQPFKELCTHLMEENMIVVVEK
KVLEDPAIASDESGAVKKKCFREFDYDDISNQIDFIICLGGDGTLLYASSLFQGSVPPVMAFHLSLG
FLTPFSFENFQSQVTQVIEGNAAVVLRSLKVRVVKELRGKKTAVHNLGEGKSQAAGLMDVVGKQAMQY
QVLNEVIDRGPSSYLSNVDVYLDGHLITTVQGDGIVSTPTGSTAYAAAAGASMIHPNVPAIMITPICP
HLSLFRPIWVPAGVELKIMLSPEARNTAWVSFDGRKRQEIRHGDSISITTSYPLPSICVRDPVSDWFES
LAQCLHWNVRKKQAHFEFFFFFFE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

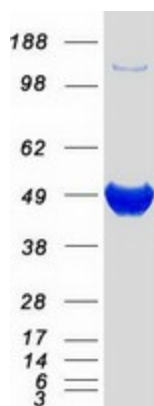
Tag:	C-Myc/DDK
Predicted MW:	49 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_075394</u>



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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]).