OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH300544

NADK (NM_023018) Human Mass Spec Standard

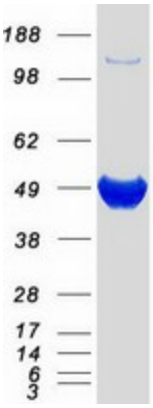
Product data:

Product Type:	Mass Spec Standards
Description:	NADK MS Standard C13 and N15-labeled recombinant protein (NP_075394)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200544
Predicted MW:	49.2 kDa
Protein Sequence:	>RC200544 protein sequence Red=Cloning site Green=Tags(s) MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSASPALGSTKEFRRTRSLHGPCP VTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKKMRDASLLQPFKELCTHLMEENMIVYVEK KVLEDPAIASDESFGAVKKKFCTFREDYDDISNQIDFIICLGGDGTLLYASSLFQGSVPPVMAFHLGSLG FLTPFSFENFQSQVTQVIEGNAAVVLRSRLKVRVVKELRGKKTAVHNGLGEKGSQAAGLDMDVGKQAMQY QVLNEVVIDRGPSSYLSNVDVYLDGHLITTVQGDGVIVSTPTGSTAYAAAAGASMIHPNVPAIMITPICP HSLSFRPIVVPAGVELKIMLSPEARNTAWVSFDGRKRQEIRHGDSISITTSCYPLPSICVRDPVSDWFES LAQCLHWNVRKKQAHFEEEEEEEEEG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_075394
RefSeq Size:	3244
RefSeq ORF:	1338
Synonyms:	dJ283E3.1

View online »

Locus ID:	65220
UniProt ID:	O95544, A0A024R058, F5GXR5
Cytogenetics:	1p36.33
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]).