

Recombinant Human NADK Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. NADK-278H Lot. No. (See product label)

SPECIFICATION

Product Overview	NADK MS Standard C13 and N15-labeled recombinant protein (NP_075394) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	49.2 kDa
AA Sequence	MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSPALGS TKEFRRTRSLHGPCPVTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKK MRDASLLQPFKELCTHLMEENMIVYVEKKVLEDPAIASDESFGAVKKKFFCTFREDYD DISNQIDFIICLGGDGTLLYASSLFQGSVPPVMAFHLGSLGFLTPFSFENFQSQVTQVI EGNAAVVLRSLKVRVVKELRGKKTAVHNGLGEGKSQAAGLDMDVGKQAMQYQVL NEVVIDRGPSSYLSNVDVYLDGHLITTVQGDGVIVSTPTGSTAYAAAAGASMIHPNVP AIMITPICPHSLSFRPIVVPAGVELKIMLSPEARNTAWVSFDGRKRQEIRHGDSISITTS CYPLPSICVRDPVSDWFESLAQCLHWNVRKKQAHFEEEEEEEEEGTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

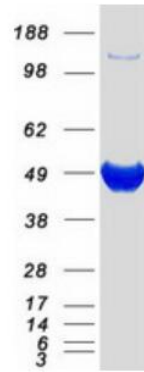
Gene Name	NADK NAD kinase [Homo sapiens (human)]
Official Symbol	NADK
Synonyms	NADK; NAD kinase; FLJ13052; poly(P)/ATP NAD kinase; dJ283E3.1; RP1-283E3.6; MGC1900; FLJ37724; FLJ54695; FLJ77769; FLJ78247; FLJ78307; DKFZp686L22239;
Gene ID	65220
mRNA Refseq	NM_023018
Protein Refseq	NP_075394
MIM	611616
UniProt ID	O95544

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SDS-PAGE



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