

Recombinant Full Length Human NADK Protein, C-Flag-tagged

Cat. No. NADK-1354HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NADK Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49 kDa
AA Sequence	MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSPALGS TKEFRRTRSLHGPCP VTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKK MRDASLLQPFKELCTHLMEENMIVYVEK KVLEDPAIASDESFGAVKKKFFCTFREDYD DISNQIDFIICLGGDGTLLYASSLFQGSVPPVMAFHLGSLG FLTPFSFENFQSQVTQV IEGNAAVVLRSLKVRVVKELRGKKTAVHNGLGEKGSQAAGLDMDVVGKQAMQY QV LNEVVIDRGPSSYLSNVDVYLDGHLITTVQGDGIVVSTPTGSTAYAAAAGASMIHPNV PAIMITPICP HSLSFRPIVVPAGVELKIMLSPEARNTAWVSFDGRKRQEIIRHGDSISIT TSCYPLPSICVRDPVSDWFES LAQCLHWNVRKKQAHFEEEEEEEEEGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Metabolic pathways, Nicotinate and nicotinamide metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	NADK NAD kinase [Homo sapiens (human)]
Official Symbol	NADK
Synonyms	dJ283E3.1
Gene ID	65220
mRNA Refseq	NM_023018.5
Protein Refseq	NP_075394.3
MIM	611616

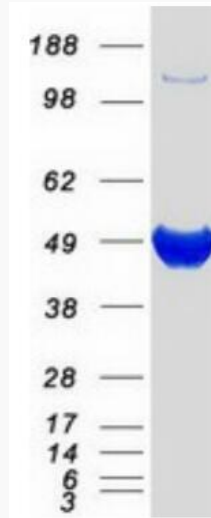
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UniProt ID

O95544



Coomassie blue staining of purified NADK protein.

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