

Recombinant Full Length Human NADK Protein, GST-tagged

Cat. No. NADK-4860HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FLJ13052 full-length ORF (AAH01709, 1 a.a. - 446 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	446 amino acids
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
Molecular Mass	74.8 kDa
AA Sequence	MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSPALGS TKEFRRTRSLHGPCPVTTFGPKACVLQNPQTIMHIQDPASQRLTWNKSPKSVLVIKK MRDASLLQPFKELCTHLMEEENMIVYVEKKVLEDPAIASDESFGAVKKKFFCTFREDYD DISNQIDFIICLGGDGLLYASSLFQGSVPPVMAFHLGSLGFLTPFSFENFQSQVTQVI EGNAAVVLRSLKVRVVKELRGKKTAVHNGLGEEKSQAAGLDMDVGGKQAMQYQVL NEVVIDRGPSSYLSNVDVYLDGHLITTVQGDGVIVSTPTGSTAYAAAAGASMIHPNVP AIMITPICPHSLSFRPIVVPAGVELKIMLSPEARNTAWVSFDGRKRQEIRHGDSISITTS CYPLPSICVRDPVSDWVWESLAQCLHWNVRKKQAHFEEEEEEEEEEG
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NADK NAD kinase [Homo sapiens]
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_001198993
Protein Refseq	NP_001185922
MIM	611616
UniProt ID	O95544

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