

Recombinant Human NADK protein, His-tagged

Cat. No. NADK-3705H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NADK protein(98-446 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	98-446 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LTWNKSPKSVLVIKKMRDASLLQPFKELCTHLMEEENMIVYVEKKVLEDPAIASDESFG AVKKKFCTFREDYDDISNQIDFIICLGDDGTLTYASSLFQGSVPPVMAFHLGSLGFLT PFSFENFQSQVTQVIEGNAAVVLRSLKVRVVKELRGKKTAVHNGLGEGKSQAAGL DMDVGKQAMQYQVLNEVVIDRGPSSYLSNVDVYLDGHLITTVQGDGVIVSTPTGST AYAAAAGASMIHPNVPAIMITPICPHSLSRPIVVPAGVELKIMLSPEARNTAWVSFDG RKRQEIRHGDSISITTSCYPLPSICVRDPVSDWFESLAQCLHWNVRKKQAHFEEEE EEEEG
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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