

Recombinant Human NADK Protein, His/GST-tagged

Cat. No. NADK-798H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NADK(Leu187~His426) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu187~His426
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]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	55.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

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

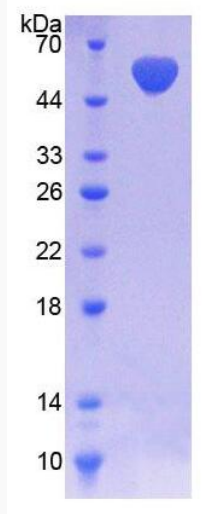
UniProt ID

O95544

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