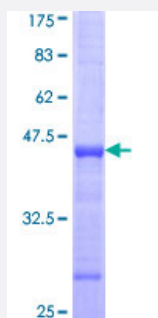


NADK (Human) Recombinant Protein (Q01)

Catalog # H00065220-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NADK partial ORF (NP_075394, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEMEQEKMTMNKELSPDAAAYCCSACHGDETWSYNHPIRGRAKSRSLSASPALGSTKEFRRTRSLHGPCPVTTFGPKACVLQNPQTIMHIQDPASQRLTNKSPKSVLVI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NADK

Entrez GeneID [65220](#)

GeneBank Accession# [NM_023018](#)

Protein Accession# [NP_075394](#)

Gene Name NADK

Gene Alias FLJ13052, FLJ37724, dJ283E3.1

Gene Description NAD kinase

Omim ID [611616](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000001110|OTTHUMP00000001111

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Tobacco Use Disorder](#)