

Recombinant Human NADK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NADK2-2543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C5orf33 MS Standard C13 and N15-labeled recombinant protein (NP_001078880) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a mitochondrial kinase that catalyzes the phosphorylation of NAD to yield NADP. Mutations in this gene result in 2,4-dienoyl-CoA reductase deficiency. Alternative splicing results in multiple transcript variants.
Molecular Mass	49.3 kDa
AA Sequence	MTCYRGFLLGSCCRVAGGRAAALRGPAGGPAARPRLLGGDGGGRRHLGQGQPR ELAGCGSRADGGFRPSRVVVVAKTTRYEFQQRYYAELSEEDLKQLLALKGSSYS GLLERHHIHTKNVEHIIDSLRNEGIEVRLVKRREYDEETVRWADAVIAAGGDGTMLLA ASKVLDRLKPVIGVNTDPERSEGHLCPLVRYTHSFPEALQKFYRGEFRWLWRQIR LYLEGTGINPVPVDLHEQQLSLNQHNRLNIERAHDERSEASGPQLLPVRALNEVFI GESLSSRASYEISVDDGPWEKQKSSGLNLCTGTGSKAWSFNINRVATQAVEDVLN IAKRQGNLSLPLNRELVEKVTNEYNESLLYSPEEPKILFSIREPIANRVFSSSRQRCFS SKVCVRSRCWDACMVVDGGTSFEFNDGAIASMMINKEDELRTVLLEQTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

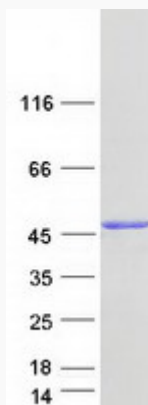
GENE INFORMATION

Gene Name	NADK2 NAD kinase 2, mitochondrial [Homo sapiens (human)]
Official Symbol	NADK2
Synonyms	NADK2; NAD kinase 2, mitochondrial; DECRD; MNADK; NADKD1; C5orf33; NAD kinase 2, mitochondrial; NAD kinase domain-containing protein 1, mitochondrial; EC 2.7.1.23
Gene ID	133686
mRNA Refseq	NM_001085411
Protein Refseq	NP_001078880
MIM	615787
UniProt ID	Q4G0N4

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SDS-PAGE

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