

Recombinant Full Length Human NADK2 Protein, C-Flag-tagged

Cat. No. NADK2-1856HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NADK2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.3 kDa
AA Sequence	MTCYRGFLLGSCCRVAGGRAAALRGPGAGGPAARPRLLGGDGGGRRHLGQGQPR ELAGCGSRADGGFRPSR VVVAKTTRYEFEEQQRYYAELSEEDLKQLLALKGSSY SGLLERHHIHTKNVEHIIDSLRNEGIEVRLVK RREYDEETVRWADAVIAAGGDGTML LAASKVLDRLKPVIGVNTDPERSEGHLCPLVRYTHSFPEALQKFY RGEFRWLWRQR IRLYLEGTGINPVPVDLHEQQLSLNQHNRLNIERAHDERSEASGPQLLPVRALNEVF I GESLSSRASYYEISVDDGPWEKQKSSGLNLCTGTGSKAWSFNINRVATQAVEDVL NIAKRQGNLSLPLNR ELVEKVTNEYNESLLYSPEEPKILFSIREPIANRVFSSSRQRC FSSKVCVRSRCWDACMVVDGGTSFEFN DGAIASMMINKEDELRTVLLEQ TRTRPL EQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

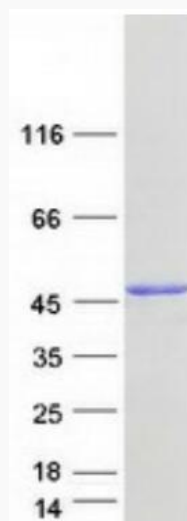
GENE INFORMATION

Gene Name	NADK2 NAD kinase 2, mitochondrial [Homo sapiens (human)]
Official Symbol	NADK2
Synonyms	DECRD; MNADK; NADKD1; C5orf33
Gene ID	133686
mRNA Refseq	NM_001085411.3
Protein Refseq	NP_001078880.1
MIM	615787
UniProt ID	Q4G0N4

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Coomassie blue staining of purified NADK2 protein.

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