

Recombinant Human NMRK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NMRK1-4267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C9orf95 MS Standard C13 and N15-labeled recombinant protein (NP_060351) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Nicotinamide adenine dinucleotide (NAD ⁺) is essential for life in all organisms, both as a coenzyme for oxidoreductases and as a source of ADP-ribosyl groups used in various reactions. Nicotinic acid and nicotinamide, collectively known as niacin, are the vitamin precursors of NAD ⁺ . Nicotinamide riboside kinases, such as NRK1, function to synthesize NAD ⁺ through nicotinamide mononucleotide using nicotinamide riboside as the precursor.
Molecular Mass	23.2 kDa
AA Sequence	MKTFIIGISGVTNSGKTTLAKNLQKHLPNCVISQDDFFKPESEIETDKNGFLQYDVLE ALNMEKMMSAISCWMESARHSVSTDQESAEEIPILIEGFLLFNYKPLDTIWNRSYFL TIPYEECKRRRSTRVYQPPDSPGYFDGHVWPMYLYRQEMQDITWEVVYLDGTS EEDLFLQVYEDLIQELAKQKCLQVTATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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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 NMRK1 nicotinamide riboside kinase 1 [Homo sapiens (human)]

Official Symbol NMRK1

Synonyms NMRK1; nicotinamide riboside kinase 1; NRK1; C9orf95; bA235O14.2; nicotinamide riboside kinase 1; NRK 1; RNK 1; nicotinic acid riboside kinase 1; nmR-K 1; ribosylnicotinamide kinase 1; ribosylnicotinic acid kinase 1; EC 2.7.1.173; EC 2.7.1.22

Gene ID 54981

mRNA Refseq NM_017881

Protein Refseq NP_060351

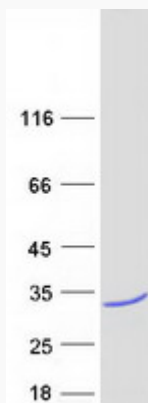
MIM 608704

UniProt ID Q9NWW6

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SDS-PAGE

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