

Recombinant Full Length Human NMRK1 Protein, GST-tagged

Cat. No. NMRK1-3820HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C9orf95 full-length ORF (NP_060351.1, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	199 amino acids
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 (Bieganowski and Brenner, 2004 [PubMed 15137942]).[supplied by OMIM, Mar 2008]
Molecular Mass	49.6 kDa
AA Sequence	MKTFIIGISGVTNSGKTTLAKNLQKHLPNC SVISQDDFFKPESEIETDKNGFLQYDVLE ALNMEKMMSAISCWMESARHSV VSTDQESAEEIPILIIEGFLLFN YKPLDTIWNRSYFL TIPYEECKRRRSTRVYQPPDSPGYFDGHVWPMYLYRQEMQDITWEVVYLDGTS EEDLFLQVYEDLIQELAKQKCLQVTA
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	NMRK1 nicotinamide riboside kinase 1 [Homo sapiens (human)]
Official Symbol	NMRK1
Synonyms	C9orf95; 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_001127603
Protein Refseq	NP_001121075
MIM	608704
UniProt ID	Q9NWW6

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