

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 ALNMEKMMSAISCWMESARHSVSTQESAEEIPILIIIEGFLLFNYKPLDTIWNRSYFL TIPYEECKRRRSTRVYQPPDSPGYFDGHVWPMYLYRQEMQDITWEVVYLDGTS EEDLFLQVYEDLIQELAKQKCLQVTA
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA