

Product datasheet for **AR50394PU-S**

NRK1 / C9orf95 (1-199, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NRK1 / C9orf95 (1-199, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKTFIIG ISGVTNSGKT TLAKNLQKHL PNCSVISQDD FFKPESEIET DKNGLFLQYDV LEALNMEKMM SAISCWMESA RHSVSTDQE SAEIIPILII EGFLLFNYKP LDTIWNRSYF LTIPYEECKR RRSTRVYQPP DSPGYFDGHV WPMYLKYRQE MQDITWEVVY LDGTKSEEDL FLQVYEDLIQ ELAKQKCLQV TA
Tag:	His-tag
Predicted MW:	25.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 2 mM DTT, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NRK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001121075
Locus ID:	54981
UniProt ID:	Q9NWW6
Cytogenetics:	9q21.13
Synonyms:	bA235O14.2; C9orf95; NRK1



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Summary:

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 (Bieganski and Brenner, 2004 [PubMed 15137942]).[supplied by OMIM, Mar 2008]

Protein Pathways:

Nicotinate and nicotinamide metabolism

Product images: