

Recombinant Human NRK1 protein ab126673

1 Image

Description

Product name	Recombinant Human NRK1 protein
Purity	> 90 % SDS-PAGE. Purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9NWW6</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKTFIIG ISGVTNSGKT TLAKNLQKHL PNCSVISQDD FFKPESEIET DKNGFLQYDV LEALNMEKMM SAISWWMESA RHSVVSTDQE SAAEIPILII EGFLLFNYKP LDTWNRSYF LTIPYEECKR RRSTRVYQPP DSPGYFDGHV WPMYLYRQE MQDITWEVVYLDGTKSEEDL FLQVYEDLIQ ELAKQKCLQV TA
Predicted molecular weight	26 kDa including tags
Amino acids	1 to 199
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab126673 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as C9orf95.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.03% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function

Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). The enzyme also phosphorylates the antitumor drugs tiazofurin and 3-deazaguanosine.

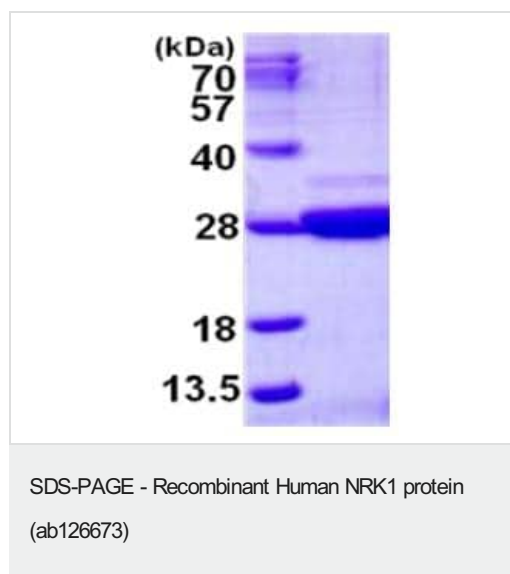
Pathway

Cofactor biosynthesis; NAD(+) biosynthesis.

Sequence similarities

Belongs to the uridine kinase family. NRK subfamily.

Images



15% SDS-PAGE analysis of ab126673 (3 µg)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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