

Product datasheet for TP300160

C9orf95 (NMRK1) (NM_017881) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 9 open reading frame 95 (C9orf95), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200160 protein sequence Red=Cloning site Green=Tags(s)

MKTFIIGISGVTNSGKTTLAKNLQKHLPNCSVISQDDFFKPESEIETDKNGFLQYDVLEALNMEKMMSAI
SCWMESARHSVSTDQESAEEIPILIEGFLFNKPLDTIWNRSYFLTIPYEECKRRRSTRVYQPPDSP
GYFDGHVWPMYLYRQEMQDITWEVVYLDGTKSEEDLFLQVYEDLIQELAKQKCLQVTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	23 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_060351</u>
Locus ID:	54981
UniProt ID:	<u>Q9NWW6</u>



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RefSeq Size: 1207

Cytogenetics: 9q21.13

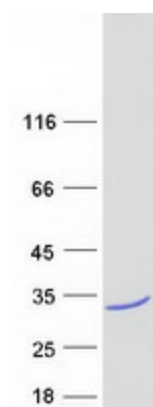
RefSeq ORF: 597

Synonyms: bA235O14.2; C9orf95; NRK1

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:



Coomassie blue staining of purified NMRK1 protein (Cat# TP300160). The protein was produced from HEK293T cells transfected with NMRK1 cDNA clone (Cat# [RC200160]) using MegaTran 2.0 (Cat# [TT210002]).