

Product datasheet for RC200160L4V

OriGene Technologies, Inc.

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C9orf95 (NMRK1) (NM 017881) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: C9orf95 (NMRK1) (NM_017881) Human Tagged ORF Clone Lentiviral Particle

Symbol: C9orf95

Synonyms: bA235O14.2; C9orf95; NRK1

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_017881

ORF Size: 597 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC200160).

Sequence:

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through

naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 017881.1

 RefSeq Size:
 1207 bp

 RefSeq ORF:
 600 bp

 Locus ID:
 54981

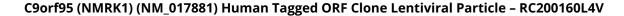
 UniProt ID:
 Q9NWW6

Cytogenetics: 9q21.13

Protein Pathways: Nicotinate and nicotinamide metabolism

MW: 23.2 kDa







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