

Product datasheet for TP300889

NMNAT2 (NM_170706) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human nicotinamide nucleotide adenylyltransferase 2 (NMNAT2), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200889 protein sequence
 Red=Cloning site Green=Tags(s)

MEIQELEEEIQACQGLWEVFTLSERARDYLHKTGRFIVIGGIVSPVHDSYGKQGLVSSRHRRLIMCQLAVQ
 NSDWIRVDPWECYQDTWQTTCSVLEHHRDLMKRVTGCILSNVNTPSMTPVIGQPQNETPQPIYQNSNVAT
 KPTAAKILKVGESLSRICCVRPPVERFTFDENANLGTVMRYEEIELRILLLCGSDLLESFCIPGLWNE
 ADMEVIVGDFGIVVPRDAADTRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKSRLALQHGDGHV
 DYLSQPVIDYILKSQLYINASG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 33.8 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: [NP_733820](#)

Locus ID: 23057



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UniProt ID: [Q9BZQ4](#)

RefSeq Size: 5467

Cytogenetics: 1q25.3

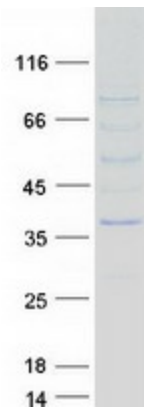
RefSeq ORF: 906

Synonyms: C1orf15; PNAT2

Summary: This gene product belongs to the nicotinamide mononucleotide adenylyltransferase (NMNAT) enzyme family, members of which catalyze an essential step in NAD (NADP) biosynthetic pathway. Unlike the other human family member, which is localized to the nucleus, and is ubiquitously expressed; this enzyme is cytoplasmic, and is predominantly expressed in the brain. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism

Product images:



Coomassie blue staining of purified NMNAT2 protein (Cat# TP300889). The protein was produced from HEK293T cells transfected with NMNAT2 cDNA clone (Cat# [RC200889]) using MegaTran 2.0 (Cat# [TT210002]).