

## Product datasheet for **TP300889M**

### 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, 100 µg

**Species:** Human

**Expression Host:** HEK293T

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

MEIQELEEEIQACQGLWEVFTLSERARDYLHKTGRFIVIGGIVSPVHDSYGKQGLVSSRHRRLIMCQLAVQ  
 NSDWIRVDPWECYQDTWQTTCVLEHHRDLMKRVTCILSNVNTPSMTPVIGQPQNETPQPIYQNSNVAT  
 KPTAAKILKVGESLSRICCVRPPVERFTFDENANLGTVMRYEEIELRILLCCGSDLLESFCIPGLWNE  
 ADMEVIVGDFGIVVPRDAADTRIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKSRLALQHGDGHV  
 DYLSQPVIDYILKSQLYINASG

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

**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

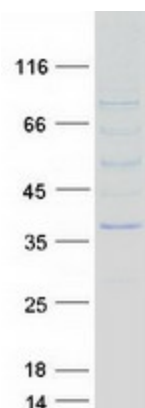
RefSeq ORF: 906

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]).