

Product datasheet for PH300889

NMNAT2 (NM_170706) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NMNAT2 MS Standard C13 and N15-labeled recombinant protein (NP_733820)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200889
Predicted MW:	34 kDa
Protein Sequence:	>RC200889 protein sequence Red=Cloning site Green=Tags(s) MEIQELEEIQACQGLWEVFTLSERARDYLHKTGRFIVIGGIVSPVHDSYGKQGLVSSRHLIMCQLAVQ NSDWIRVDPWECYQDTWQTTCVLEHHRDLMKRVGTGILSNVNTPSMTPVIGQPQNETPQPIYQNSNVAT KPTAAKILGKVGESLSRICCVRPPVERFTFVDENANLGTVMRYEEIELRILLCCGSDLLESFCIPGLWNE ADMEVIVGDFGI VVVPRDAADTDRIMNHSSILRKYKNNIMVVKDDINHPMSVSVSSTKSRLALQHGDDGHV DYLSPVIDYILKSQLYINASG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_733820
RefSeq Size:	5467
RefSeq ORF:	906
Synonyms:	C1orf15; PNAT2
Locus ID:	23057



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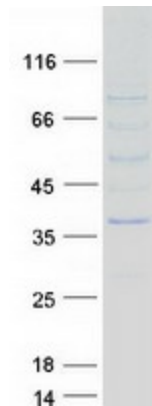
UniProt ID: [Q9BZQ4](#)

Cytogenetics: 1q25.3

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]).