

Product datasheet for **AR51205PU-N**

NMNAT2 (1-307, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NMNAT2 (1-307, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MTETTKTHVI LLACGSFNPI TKGHIQMFER ARDYLHKTGR FIVIGGIVSP VHDSYGKQGL VSSRHLIMC QLAVQNSDWI RVDPWECYQD TWQTTCVLE HHRDLMKRVT GCILSNVNTS SMTPVIGQPQ NETPQPIYQN SNVATKPTAA KILGKVGESL SRICCVRPPV ERFTFDENA NLGTVMRYEE IELRILLCG SDLLESFCIP GLWNEADMEV IVGDFGIVV PRDAADTDRI MNHSSILRKY KNNIMVVKDD INHPMSVSS TKSRLALQHG DGHVVDYLSQ PVIDYILKSQ LYINASG
Tag:	His-tag
Predicted MW:	36.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NMNAT2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_055854
Locus ID:	23057
UniProt ID:	Q9BZQ4
Cytogenetics:	1q25.3
Synonyms:	C1orf15; PNAT2



[View online »](#)

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: