

Product datasheet for **AR51205PU-S**

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

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | NMNAT2 (1-307, His-tag) human recombinant protein, 20 µg |
| 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 GCILSNVNTP 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 |



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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: