

# Human NMNAT2 Recombinant Protein



RPPB2027

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## Product Information    Protein Information

**Product SKU:**

RPPB2027

**Accession:**

Q9BZQ4

**Host:**

Escherichia Coli.

**Protein description:**

NMNAT2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-307 a.a) and having a molecular mass of 36.6kDa. NMNAT2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Nicotinamide Nucleotide Adenylyltransferase 2, C1orf15, Nicotinate-Nucleotide Adenylyltransferase 2, NaMN Adenylyltransferase 2, NMN Adenylyltransferase 2, PNAT2, KIAA0479, Chromosome 1 Open Reading Frame 15, Nicotinamide Mononucleotide Adenylyltransferase 2, Pyridine Nucleotide Adenylyltransferase 2, EC 2.7.7.1, EC 2.7.7.18.

**Formulation:**

NMNAT2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MTETTKTHVI LLACGSFNPI TKGHIQMFER ARDYLHKTGR FIVIGGIVSP  
VHDSYGKQGL VSSRHLIMC QLAVQNSDWI RVDPWECYQD TWQTTCVLE HHRDLMKRVT GCILSNVNT  
SMTPVIGQPQ NETPQPIYQN SNVATKPTAA KILGKVGESL SRICCVRPV ERFTVDENA NLGTVMRYYE  
IELRILLCCG SDLLESFCIP GLWNEADMEV IVGDFGIVVV PRDAADTDRI MNHSSILRKY KNNIMVVKDD  
INHPSMVVSS TKSRLALQHG DGHVVDYLSQ PVIDYILKSQ LYINASG

**Biological Activity:**

Specific activity: > 500 pmol/min/ug. One unit will convert 1.0 pmole of beta-NADH per minute to beta-NAD at PH 8.0 at 37°C.