

# Human NMNAT1 Recombinant Protein



RPPB2024

---

## Product Information    Protein Information

**Product SKU:**

RPPB2024

**Accession:**

Q9HAN9

**Host:**

Escherichia Coli.

**Protein description:**

NMNAT1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-279 a.a.) and having a molecular mass of 36 kDa. The NMNAT1 is fused to a 36 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

NMNAT, NMNAT1, PNAT1, Nicotinamide mononucleotide adenylyltransferase 1, NMN adenylyltransferase 1, Nicotinate-nucleotide adenylyltransferase 1, NaMN adenylyltransferase 1, EC=2.7.7.1, EC=2.7.7.18.

**Formulation:**

NMNAT1 Human solution containing 20mM Tris pH-8, 0.1M NaCl, 1mM DTT, 1mM EDTA & 20% glycerol.

**Purity:**

Greater than 95.0% 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:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMENS EKTEVLLAC GSFNPITNMH  
LRLFELAKDY MNGTGRTYTV KGIISPVGDA YKKKGLIPAY HRVIMAEELAT KNSKWVEVDV WESLQKEWKE  
TLKVLRRHHQE KLEASDCDHQ QNSPTLERPG RKRKWTETQD SSQKKSLEPK TKAVPKVKLL CGADLLESFA  
VPLNWKSEDI TQIVANYGLI CVTRAGNDAQ KFIYESDVLW KHRSNIHVVN EWIANDISST  
KIRRALRRGQSIRYLVPLDV QEYIEKHNLY SSESEDRNAG VILAPLQRNT AEAKT.