

## Nicotinamide Nucleotide Adenylyltransferase 1 Mouse Recombinant

<b>Item Number</b>	rAP-1935
<b>Synonyms</b>	Nicotinamide/nicotinic acid mononucleotide adenylyltransferase 1, NMNAT1, NMN/NaMN adenylyltransferase 1, Nicotinamide mononucleotide adenylyltransferase 1, NMN adenylyltransferase, Nicotinate-nucleotide adenylyltransferase 1, NaMN adenylyltransferase 1,
<b>Description</b>	NMNAT1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-285 a.a) and having a molecular mass of 34.7kDa. NMNAT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.&nbsp;
<b>Uniprot Accession Number</b>	Q9EPA7
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMDSSKKT EVLLACGSF NPITNMHLRL FELAKDYMHA TGKYSVIKGI ISVGDAYKK KGLIPAHHRI IMAELATKNS HWVEVDTWES LQKEWVETVK VLRYHQEKLA TGSCSYPQSS PALEKPGRKR KWADQKQDSS PQKPQEPKPT GVPKVKLLCG ITNDISSTKI RRALRRGQSI RYLVPDLVQE YIEKHELYNT ESEGRNAGVT LAPLQRNAAE AKHNNHSTL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colourless solution. 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.
<b>Formulation and Purity</b>	NMNAT1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4), 20% glycerol and 1mM EDTA. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**