Recombinant Human NMNAT1 protein, His-tagged

Cat. No. NMNAT1-77H **Lot. No.** (See product label)

SPECIFICATION

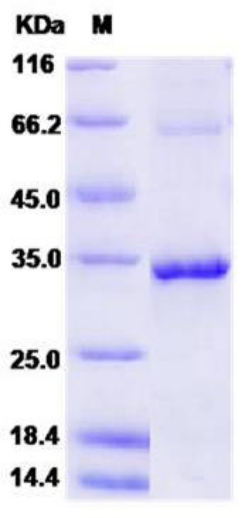
Product Overview	Recombinant Human NMNAT1 protein(Q9HAN9)(Met 1-Thr279) was expressed in Insect Cells with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-279 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 7.4.
Molecular Mass	The secreted recombinant human NMNAT1 consists of 289 amino acids and predicts a molecular mass of 33.3 KDa. The apparent molecular mass of the protein is approximately 34 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	NMNAT1 nicotinamide nucleotide adenylyltransferase 1 [Homo sapiens]
Official Symbol	NMNAT1
Synonyms	NMNAT1; nicotinamide nucleotide adenylyltransferase 1; nicotinamide nucleotide adenylyltransferase; nicotinamide mononucleotide adenylyltransferase 1; NMNAT; PNAT1; NMN adenylyltransferase 1; NaMN adenylyltransferase 1; pyridine nucleotide adenylyltransferase 1; nicotinate-nucleotide adenylyltransferase 1;
Gene ID	64802
mRNA Refseq	NM_022787
Protein Refseq	NP_073624
MIM	608700
UniProt ID	Q9HAN9

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SDS-PAGE	

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