

# Human NMNAT2 / NMNAT-2 (His Tag) recombinant protein



Catalog Number: 500616

## General Information

### Gene Name Synonym

Nicotinamide mononucleotide adenylyltransferase 2; Nicotinate-nucleotide adenylyltransferase 2

### Protein Construction

A DNA sequence encoding the human NMNAT2 (Q9BZQ4-1)(Met1-Gly307) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human NMNAT2 consists of 317

amino acids and has a calculated molecular mass of 35.8 kDa. The recombinant protein migrates as an approximately 35 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 5mM DTT, 10% glycerol, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

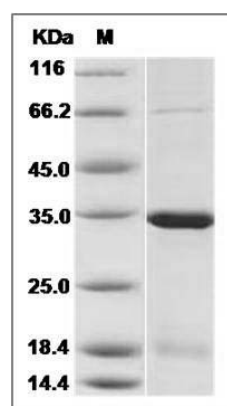
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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SDS-PAGE