

## General Information

### Gene Name Synonym

M.HsaHemK2P; N(6)-adenine-specific DNA methyltransferase 1

### Protein Construction

A DNA sequence encoding the mature form of human N6AMT1 (AAH11554.1) (Met 1-Ser 186) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

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

### Predicted N terminal

Met 1

### Molecular Mass

The recombinant human N6AMT1 comprises 196 amino acids and has a calculated molecular mass of 21.2 kDa. It migrates as an approximately 23 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 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

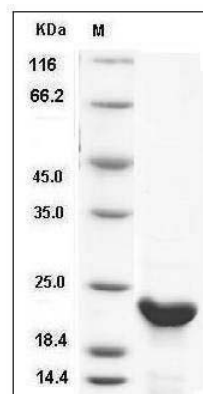
### Storage

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



Human N6AMT1 / HEMK2 Protein (His Tag) SDS-PAGE