

# Human HNMT / Histamine N-methyltransferase Protein (GST Tag)

Catalog Number: 13096-H09E



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

HMT; HNMT-S1; HNMT-S2

### Protein Construction:

A DNA sequence encoding the human HNMT (AAH20677.1) (Met 1-Ala 292) was fused with the GST tag at the N-terminus.

**Source:** Human

**Expression Host:** E. coli

## QC Testing

**Purity:** > 85 % 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

### Molecular Mass:

The recombinant human HNMT/GST chimera consists of 524 amino acids and has a predicted molecular mass of 60.5 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile 20mM Tris, 0.15M NaCl, pH 7.5

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

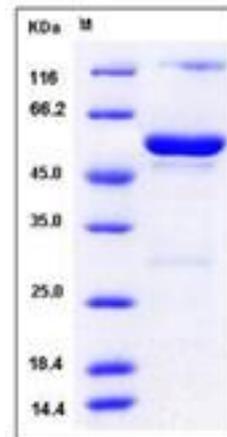
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



## References

1. Yan L., et al., 2000, Pharmacogenetics 10:261-266. 2. Horton J.R., et al., 2001, Structure 9:837-849. 3. Hillier L.W., et al., 2005, Nature 434:724-731.

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