

## Recombinant Human HNMT protein, GST-tagged

Cat. No. HNMT-1811H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HNMT protein(AAH20677.1)(Met1-Ala292), fused with GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ala292
<b>Form</b>	Lyophilized from sterile 20mM Tris, 0.15M NaCl, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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 approxiamtely 50 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	HNMT histamine N-methyltransferase [ Homo sapiens ]
<b>Official Symbol</b>	HNMT
<b>Synonyms</b>	HNMT; histamine N-methyltransferase; HMT; HNMT-S1; HNMT-S2;
<b>Gene ID</b>	3176
<b>mRNA Refseq</b>	NM_001024074
<b>Protein Refseq</b>	NP_001019245
<b>MIM</b>	605238
<b>UniProt ID</b>	P50135

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