

Active Recombinant Human HNMT protein, His-tagged

Cat. No. HNMT-22H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNMT(Ala2-Ala292) fused with an N-terminal HM and 6-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-292 a.a.
Predicted N Terminal	His (of HM) and Ser7
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to methylate histamine. The specific activity is >425 pmol/min/µg.
Molecular Mass	Predicted Molecular Mass: 34 kDa;SDS-PAGE: 32-36 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane
Storage	Avoid repeated freeze-thaw cycles.6 months from date of receipt, -70 centigrade as supplied.3 months, -70 centigrade under sterile conditions after opening.

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GENE INFORMATION

Gene Name	HNMT histamine N-methyltransferase [Homo sapiens]
Official Symbol	HNMT
Synonyms	HNMT; histamine N-methyltransferase; HMT; HNMT-S1; HNMT-S2;
Gene ID	3176
mRNA Refseq	NM_001024074
Protein Refseq	NP_001019245
MIM	605238
UniProt ID	P50135
Chromosome Location	2q22.1
Pathway	Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem; histamine degradation, organism-specific biosystem; histamine degradation, conserved biosystem;
Function	histamine N-methyltransferase activity; methyltransferase activity; transferase activity;

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