

Histamine N-methyltransferase (Hnmt) Recombinant Protein | Hnmt recombinant protein

Recombinant Mouse Histamine N-methyltransferase (Hnmt)

CATALOG # AAA116838	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Histamine N-methyltransferase (Hnmt); Recombinant Mouse Histamine N-methyltransferase (Hnmt); Hnmt recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-295aa; Full Length
Sequence	MASCMRSLFS DQGRYVESFR RFLNNSTEHQ CMQEFMDKKL PGIARIGEA KAEIKILSVG GGAGEVDLQI LSKVQAQYPG ICINNEVEP SAEQIVKYKE LVAKTSNMEN IKFSWHKETS SEYQKRMLEE EEEPPKWDFI HMIQMLYYVK DIPATLKFFH GLLAASAKIL IILVSGTSGW EKLWKYGSR LPRDDLCQYV TSSDLAQILD DLGIKYECDY LVSTMDITDC FIDGNENGDL LWDFLTETCN FSKTAPLDLK AEIMKDLQEP EFSVKKEGKV LFNNNLSFIV VEANV
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Hnmt recombinant protein	In mammals, histamine is metabolized by two major pathways: N(tau)-methylation via histamine N-methyltransferase and oxidative deamination via diamine oxidase. This gene encodes the first enzyme which is found in the cytosol and uses S-adenosyl-L-methionine as the methyl donor. In the mammalian brain, the neurotransmitter activity of histamine is controlled by N(tau)-methylation as diamine oxidase is not found in the central nervous system. A common genetic polymorphism affects the activity levels of this gene product in red blood cells. Multiple alternatively spliced transcript variants that encode different proteins have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17978276
NCBI GeneID	140483
NCBI Accession #	NP_536710.1
NCBI GenBank Nucleotide #	NM_080462.2
UniProt Accession #	Q91VF2 ; Q3TVH0
Molecular Weight	33,665 Da
NCBI Official Full Name	histamine N-methyltransferase
NCBI Official Synonym Full Names	histamine N-methyltransferase
NCBI Official Symbol	Hnmt

NCBI Official Synonym Symbols	AI788969; 1500031F01Rik
NCBI Protein Information	histamine N-methyltransferase
UniProt Protein Name	Histamine N-methyltransferase
UniProt Gene Name	Hnmt
UniProt Synonym Gene Names	Hmt; HMT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hnmt-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116838>