

Human HNMT Recombinant Protein



RPPB1819

Product Information Protein Information

Product SKU:

RPPB1819

Accession:

P50135

Host:

Escherichia Coli.

Protein description:

HNMT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 328 amino acids (1-292 a.a) and having a molecular mass of 37.4kDa. HNMT is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

HMT, HNMT-S1, HNMT-S2, MRT51.

Formulation:

HNMT protein solution (1mg/ml) containing 20mM, Tris-Hcl (pH8.0) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.

Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAS MRSFSDHGK YVESFRRFLN
HSTEHQCMQE FMDKKLPGII GRIGDTKSEI KILSIGGGAG EIDLQILSKV QAQYPGVCIN NEVVEPSAEQ
IAKYKELVAK TSNLENVKFA WHKETSSEYQ SRMLEKKELQ KWDFIHMIQM LYYVKDIPAT LKFFHSLG
NAKMLIIVVS GSSGWDKLWK KYGSRFPQDD LCQYITSDDL TQMLDNLGLK YECYDLLSTM DISDCFIDGD
ENGDLLWDFL TETCNFNATA PPDRLAELGK DLQEPEFSK KEGKVLFNNT LSFIVIEA.

Biological Activity:

Specific activity is > 200 nmol/min/mg, and is defined as the amount of enzyme that transfer 1.0 nmole of methyl group per minute at 37°C.