

Human GNMT Recombinant Protein



RPPB1718

Product Information Protein Information

Product SKU:

RPPB1718

Accession:

Q14749

Host:

Escherichia Coli.

Protein description:

GNMT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-295 a.a) and having a molecular mass of 34.9kDa. GNMT is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Glycine N-methyltransferase, GNMT, Glycine N-Methyltransferase, EC 2.1.1.20 Epididymis Secretory Sperm Binding Protein Li 182mP, HEL-S-182mP.

Formulation:

GNMT protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH 8.0) and 20% glycerol.

Purity:

Greater than 95.0% 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). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MVDSVYRTRS LGVAAEGLPD QYADGEAARV WQLYIGDTRS RTAEYKAWLL
GLLRQHGCQR VLDVACGTGV DSIMLVEEGF SVTSVDASDK MLKYALKERW NRRHEPAFDK WVIEEANWMT
LDKDVPQSAE GGFDVAVICLG NSFAHLPDCK GDQSEHRLAL KNIASMRVAG GLLVIDHRNY DHILSTGCAP
PGKNIYYKSD LTKDVTTSVL IVNNKAHMT LDYTVQVPGA GQDGSPGLSK FRLSYYPHCL ASFTLLQAA
FGGKCQHSVL GDFKPYKPGQ TYPCYFIHV LKRTD.

Biological Activity:

Specific activity is > 100 nmol/min/mg, and is defined as the amount of enzyme that transfer 1.0 nmole of methyl group per minute at 37C.