

Glycine N-methyltransferase Human Recombinant

Item Number	rAP-1962
Synonyms	Glycine N-methyltransferase, GNMT.
Description	GNMT Human Recombinant fused with 20 amino acid His-Tag tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing a total of 315 amino acids (1-295 a.a.) and having a molecular mass of 34.9 kDa. The GNMT is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q14749
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVDSVYRTRS LGVAAEGLPD QYADGEAARV WQLYIGDTRS RTAEY-KAWLL GLLRQHGCQR VLDVACGTGV DSIMLVEEGF SVTSVDASDK MLKYALKERW NRRHEPAFDK WVIEEANWMT LDKDVPQSAE GGFDVICLG NSFALPDCK GDQSEHRLAL KNIASMVRAG GLLVIDHRNY DHILSTGCAP PGKNIYYKSD LTKDVTTSVL IVNNKAHMT LDYTVQVPGA GQDG-SPGLSK FRLSYYPHCL ASFTELLQAA FGGKQCQHSVL GDFKPYKPGQ TYIPCYFIHV LKRTD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The GNMT solution contains 20mM Tris pH 8.0 & 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**