

Guanidinoacetate N-Methyltransferase Human Recombinant

Item Number	rAP-1981
Synonyms	PIG2, TP53I2, GAMT, Guanidinoacetate N-methyltransferase.
Description	Recombinant Human GAMT produced in E.Coli is a single, non-glycosylated polypeptide chain containing 256 amino acids (1-236 a.a) and having a molecular mass of 28.4 kDa. GAMT is fused to a 20 amino acids His-Tag at N-terminus and purified by conventional chromatography techniques.
Uniprot Accesion Number	Q14353
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSAPSATPIF APGENCSPAW GAAPAAAYDAA DTHLRILGKP VMER- WETPYM HALAAAASSK GGRVLEVGFG MAIAASKVQE APIDEHWIIE CNDGVFQRLR DWAPRQTHKV IPLKGLWEDV APTLPDGHFD GILYDITYPLS EETWHTHQFN FIKNHAFRLR KPGGVLTICN LTSWGELMKS KYSDITIMFE ETQVPALLEA GFRRENIRTE VMALVPPADC RYYAFPQMIT PLVTKG.
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 GAMT protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT and 10% 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**