

Recombinant Human GAMT Protein

Catalog #	Source	Reactivity	Applications
CRP1601	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human GAMT Protein is produced by our E. coli expression system and the target gene encoding Met1-Gly236 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 1mM DTT, pH 8.0.		
Gene Symbol	GAMT		
Alternative Names	Guanidinoacetate N-methyltransferase		
Entrez Gene	2593 (Human)		
SwissProt	Q14353 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MSAPSATPIF APGENCSPAW GAAPAAYDAA DTHLRILGKP VMERWETPYM HALAAAASSK GGRVLEVGFG MAIAASKVQE APIDEHWIIE CNDGVFQRLR DWAPRQTHKV IPLKGLWEDV APTLPDGHFD GILYDTYPLS EETWHTHQFN FIKNHAFRL KPGGVLTYCN LSWGELMKS KYSDITIMFE ETQVPALLEA GFRRENIRTE VMALVPPADC RYYAFPQMIT PLVTKGLEHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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