

Aminomethyltransferase Human Recombinant

Item Number	rAP-2048
Synonyms	GCE, GCST, GCVT, NKH, Aminomethyltransferase, mitochondrial, Glycine cleavage system T protein, GCVT.
Description	AMT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (29-403 a.a) and having a molecular mass of 43.3kDa.AMT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P48728
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSAQEVLRRL TPLYDFHLAH GGKMVAFAGW SLPVQYRDSH TDSHLHTRQH CSLFDVSHML QTKILGSDRV KLMEESLVVGD IAE LRPNQGT LSLFTNEAGG ILDDLIVTNT SEGHLVYVSN AGCWEKDLAL MQDKVRELQN QGRDVGLEVL DNALLALQGP TAAQVLQAGV ADDLRKLPFM TSAVMEVFGV SGCRVTRCGY TGEDGVEISV PVAGAVHLAT AILKNPEVKL AGLAARDSLR LEAGLCLYGN
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	AMT protein solution (1mg/ml) in Phosphate Buffered Saline, 30% glycerol and 1mM DTT. Greater than 90.0% 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**