



Recombinant Human Aminomethyltransferase, mitochondrial (AMT)

Product Code	CSB-EP001684HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48728
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AQ EVLRRTPLYD FHLAHGGKMV AFAGWSLPVQ YRDSHTDSSL HTRQHCSLFD VSHMLQTKIL GSDRVKLMES LVVGDIAELR PNQGTLSLFT NEAGGILDDL IVTNTSEGLH YVVSNAGCWE KDLALMQDKV RELQNQGRDV GLEVLNALL ALQGPTAAQV LQAGVADDLR KLPFMTSAVM EVFGVSGCRV TRCGYTGEDG VEISVPVAGA VHLATAILKN PEVKLAGLAA RDSLRLLEAGL CLYGNDIDEH TTPVEGSLSW TLGKRRRAAM DFPGAKVIVP QLKGRVQRRR VGLMCEGAPM RAHSPILNME GTKIGTVTSG CPSPSLKKNV AMGYVPCEYS RPGTMILLVEV RRRKQQMAVVS KMPFVPTNYY TLK
Source	E.coli
Target Names	AMT
Protein Names	Recommended name: Aminomethyltransferase, mitochondrial EC= 2.1.2.10 Alternative name(s): Glycine cleavage system T protein Short name= GCVT
Expression Region	29-403
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.