



Recombinant Arabidopsis thaliana Aminomethyltransferase, mitochondrial (GDCST)

Product Code	CSB-MP526506DOA
Storage	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.
Uniprot No.	O65396
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VSRRYF ASEADLKKTA LYDFHVAHGG KMVPFAGWSM PIQYKDSIMD STVNCRENGS LFDVAHMCGL SLKGKDCVPF LETLVVADVA GLAPGTGSLT VFTNEKGGAI DDSVITKVT D EHIYLVVNAG CRDKDLAHIE EHMKAFKSKG GDVSWHIHDE RLLALQGGL AAPVLQHLTK EDLSKLYFGN FQILDINGST CFLTRTGYTG EDGFEISVPD EHAVDLAKAI LEKSEGKVRL TGLGARDSLR LEAGLCLYGN DMEQHISPVE AGLTWAIGKR RRAEGGFLGA DVILQQLKDG PTIRRVGFFS SGPPARSHSE VHDESGNKIG EITSGGFSPN LKKNIAMGYV KSGQHKTGTK VKILVRGKPY EGSITKMPFV ATKYYKPT
Source	Mammalian cell
Target Names	GDCST
Protein Names	Recommended name: Aminomethyltransferase, mitochondrial EC= 2.1.2.10 Alternative name(s): Glycine cleavage system T protein Short name= GCVT
Expression Region	25-408
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.