



Recombinant Arabidopsis thaliana Glutamate--glyoxylate aminotransferase 1 (GGAT1)

Product Code	CSB-EP888781DOA
Abbreviation	GGAT1
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.	Q9LR30
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MALKALDYDT LNENVKKCQY AVRGELYLRA SELQKEGKKI IFTNVGNPHA LGQKPLTFPR QVVALCQAPF LLDDPNVGML FPADAIARAK HYLSLTSGGL GAYSDSRGLP GVRKEVAEFI QRRDGYPSPD ELIFLTDGAS KGVMQILNCV IRNGDGILV PVPQYPLYSA TISLLGGTLV PYYLDESENW GLDVANLRQS VAQARSQGIT VRAMVIINPG NPTGQCLSEA NIREILKFCY NEKLVLGDE VYQQNIYQDE RPFISKKVL MEMGSPFSKE VQLVSFHTVS KGYWGECGQR GGYFEMTNP PRVVEEIKV ASIALSPNVS AQIFMGLMVN PPKPGDISYD QFARESKGIL ESLRRRARLM TDGFNSCKNV VCNFTEGAMY SFPQIRLPTG ALQAAKQAGK VPDVFCYCKL LEATGISTVP GSGFGQKEGV FHLRTTILPA EDEMPEIMDS FKKFNDEFMT QYDNNFGYSK M
Source	E.coli
Target Names	GGAT1
Protein Names	Recommended name: Glutamate--glyoxylate aminotransferase 1 Short name= AtGGT2 EC= 2.6.1.4 Alternative name(s): Alanine aminotransferase GGT1 EC= 2.6.1.2 Alanine--glyoxylate aminotransferase GGT1 EC= 2.6.1.44 Ala
Expression Region	1-481
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 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.



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