



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

<b>Product Code</b>	CSB-EP888781DOA-B
<b>Abbreviation</b>	GGAT1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9LR30
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MALKALDYDT LNENVKKCQY AVRGEYLRA 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 VPDVIFYCLKL LEATGISTVP GSGFGQKEGV FHLRTTILPA EDEMPEIMDS FKKFNDEFMT QYDNNFGYSK M
<b>Source</b>	E.coli
<b>Target Names</b>	GGAT1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-481
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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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