



Recombinant Arabidopsis thaliana Alanine--glyoxylate aminotransferase 2 homolog 1, mitochondrial (AGT2)

Product Code	CSB-EP821970DOA
Abbreviation	AGT2
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.	Q940M2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	SDIYHRRRA ISLLRTDFST SPSIADAPPH IPPFVHQPRP YKGPSADEVL QKRKKFLGPS LFHYQKPLN IVEGKMQYLY DESGRRYLDA FAGIVTVSCG HCHPDILNAI TEQSKLLQHA TTIYLHHAIG DFAEALAAKM PGNLKVVFV NSGSEANELA MMMARLYTGS LEMISLRNAY HGGSSNTIGL TALNTWKYPL PQGEIHHVVN PDPYRGVFGS DGSLYAKDVH DHIEYGTSGK VAGFIAETIQ GVGGAVELAP GYLKSVYEIV RNAGGVCIAD EVQTGFGRGTG SHYWGFQTQD VVPDIVTMAK GIGNGLPLGA VVTTPEIASV LASKILFNTF GGNPVCSAGG LAVLNVIDKE KRQEHCAEVG SHLIQRLKDV QKRHDIIGDV RGRGLMVGIE LVSDRKDKTP AKAETSVLFE QLRELGLVVG KGGHLHGNVFR IKPPMCFTKD DADFLVDALD YSISRL
Source	E.coli
Target Names	AGT2
Protein Names	Recommended name: Alanine--glyoxylate aminotransferase 2 homolog 1, mitochondrial EC= 2.6.1.44 Alternative name(s): Beta-alanine-pyruvate aminotransferase 1
Expression Region	13-476
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

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