



# Recombinant Arabidopsis thaliana Alanine--glyoxylate aminotransferase 2 homolog 2, mitochondrial (AGT3)

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| <b>Product Code</b>      | CSB-MP853215DOA  |
| <b>Abbreviation</b>      | AGT3   |
| <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>       | Q94AL9   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Arabidopsis thaliana (Mouse-ear cress)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | SSTSQAAT ASVKDSDEFQ ARLPPFAYTP PPYTGPSADV ILSKRKEFLS<br>PSMFCLYRKP LNIVDGKMQY LFDESGRRYL DAFAGIAVVN CGHCHPDVVE<br>PVINQIKRLQ HPTVLYLNHA IADFSEALAS KLPGLDKVVF FTNSGTEANE<br>LALMMAKLYT GCQDIVAVRN GYHGNAATM GATGQSMWKF<br>NVVQNSVHHA LNPDPYRGVF GSDGEKYAKD LQDLIQYGTG GHIAGFICEA<br>IQGVGGIVEL APGYLSAAYD TVKKAGGLFI ADEVQSGFAR TGNFWGFETH<br>NVVDPDIVTMA KGIGNGFPLG AVVTTPEIAG VLTRRSYFNT FGGNSVSTTA<br>GLAVLNVIK EKLQENAAMV GSYLKEKLTQ LKEKHEIIGD VRGRGLMLGV<br>ELVSDRKLKT PATAETLHIM DQMKELGVLI GKGGYFGNVF RITPPLCFTK<br>DDADFLVEAM DYSMSKM |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | AGT3   |
| <b>Protein Names</b>     | Recommended name: Alanine--glyoxylate aminotransferase 2 homolog 2, mitochondrial EC= 2.6.1.44 Alternative name(s): Beta-alanine-pyruvate aminotransferase 2   |
| <b>Expression Region</b> | 23-477   |
| <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 of Mature 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.  |



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