



Recombinant Arabidopsis thaliana Glutamate-1-semialdehyde 2,1-aminomutase 2, chloroplastic (GSA2)

Product Code	CSB-YP672588DOA
Abbreviation	GSA2
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.	Q42522
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VSVE EKTKKFTLQK SEEFNAAKN LMPGGVNSPV RAFKSVGGQP VVMDSAKGSR IRDIDGNEYI DYVGSWGPAL IGHADDEVLA ALAETMKKGT SFGAPCLEN VLAEMVISAV PSIEMVRVFN SGTEACMGVL RLARAFTGKQ KFIKFEHCYH GHANSFLVKA GSGVATLGLP DSPGVPKAAT SDTLTAPYND IAAVEKLFEA NKGEIAAIL EPVVGNSGFI TPKPEFIEGI RRITKDNAL LIFDEVMTGF RLAYGGAQEY FGITPDLTTL GKIIGGGLPV GAYGGRRDIM EMVAPAGPMY QAGTLSGNPL AMTAGIHTLK RLSQPGTYEY LDKITKELTN GILEAGKKTG HAMCGGYISG MFGFFFTEGP VYDFSDAKKS DTEKFGKFFR GMLEEGVYLA PSQFEAGFTS LAHTSEDIQF TIAAAEKVLS RL
Source	Yeast
Target Names	GSA2
Protein Names	Recommended name: Glutamate-1-semialdehyde 2,1-aminomutase 2, chloroplastic Short name= GSA 2 EC= 5.4.3.8 Alternative name(s): Glutamate-1-semialdehyde aminotransferase 2 Short name= GSA-AT 2
Expression Region	37-472
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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