



Recombinant *Oryza sativa* subsp. japonica Glutamate-1-semialdehyde 2,1-aminomutase, chloroplastic (GSA)

Product Code	CSB-EP754518OFG
Abbreviation	GSA
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.	Q6YZE2
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	AAISVEKGEK AYTVEKSEEI FNAAKELMPG GVNSPVRAFK SVGGQPIVFD SVKGSRMWDV DGNEYIDYVG SWGPAIIGHA DDTVNAALIE TLKKGTSFGA PCVLENVLAE MVISAVPSIE MVRFVNSGTE ACMGALRLVR AFTGREKILK FEGCYHGHAD SFLVKAGSGV ATLGLPDSPG VPKGATSETL TAPYNDVEAV KKLFEENKGQ IAAVFLEPVV GNAGFIPPQP GFLNALRDLT KQDGALLVFD EVMTGFRLAY GGAQEYFGIT PDVSTLGKII GGGLPVGAYG GRKDIMEMVA PAGPMYQAGT LSGNPLAMTA GIHTLKRLE PGTYDYLDKI TGDLVRGVLD AGAKTGHMCG GGHIRGMFGF FFTAGPVHNF GDAKKSDTAK FGRFYRGMLE EGVYLAPSQF EAGFTSLAHT SQDIEKTVEA AAKVLRRI
Source	E.coli
Target Names	GSA
Protein Names	Recommended name: Glutamate-1-semialdehyde 2,1-aminomutase, chloroplastic Short name= GSA EC= 5.4.3.8 Alternative name(s): Glutamate-1-semialdehyde aminotransferase Short name= GSA-AT
Expression Region	41-478
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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