



Recombinant Idiomarina loihiensis Glutamate-1-semialdehyde 2,1-aminomutase (hemL)

Product Code	CSB-EP728827IAAA-B
Abbreviation	hemL
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.	Q5QVP9
Product Type	Recombinant Protein
Immunogen Species	Idiomarina loihiensis (strain ATCC BAA-735 / DSM 15497 / L2-TR)
Purity	≥85% (SDS-PAGE)
Sequence	MSRSEELYTK AQISIPGGVN SPVRAFNGVG GSPIFFESAE GAYMIDADGK RYIDYVGSWG PMILGHNHPA VLEATLQAAK RGLSFGTPTE VEITMAETIR KIVPSIEKVR MVNSGTEATM TAIRLARGYT GRDKILKFEG NYHGHADSLL VKAGSGALT GVPNSPGIPE DFAKHTLTAT YNDIESVKQI FAEMGDEIAC IIVEPVAGNM NCIPPVDGFL EGLRSICDDH GSVLIFDEVM TGFRVAPGGA QDRYKIKPDL TTLGKVIGGG MPVGAFGGKK EVMDYIAPVG PVYQAGTSLG NPVAMAAGLA ALQQLSTPGL YDQLYQRVDT LLDGLQERAD RAGVPMTTNR AGSMFGFFFT EEPEVTTYAQ ATQCNMEHFK TFYHAMLEQG VYLAPSAFEG GFMSAAHSEE DIQNTLNAAE KAFKLV
Source	E.coli
Target Names	hemL
Protein Names	Recommended name: Glutamate-1-semialdehyde 2,1-aminomutase Short name= GSA EC= 5.4.3.8 Alternative name(s): Glutamate-1-semialdehyde aminotransferase Short name= GSA-AT
Expression Region	1-427
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 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	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.