



Recombinant Mouse 5-aminolevulinate synthase, nonspecific, mitochondrial (Alas1)

Product Code	CSB-YP844984MO
Abbreviation	Alas1
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.	Q8VC19
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	QVKE TPPANEKEKT AKAHVQQAPD ESQMAQTPDG TQLPSGHPS ATSQGSQSKC PFLAAQLSQT GSSVFRKASL ELQEDVQEMH AVRKEAAQSP VPPSLVNVKT DGEDPSRLK NFQDIMRKQR PERVSHLLQD NLPKSVSTFQ YDHFEEKID EKKNDHTYRV FKTVNRRAQI FPMADDYTDS LITKKQVSVW CSNDYLGMSR HPRVCGAVME TVKQHGAGAG GTRNISGTSK FHVELEQALA DLHGKDAALL FSSCFVANDS TLFTLAKMMP GCEIYSDSGN HASMIQGIRN SRVPKYIFRH NDVNHLRELL QRSQPSVPKI VAFETVHSMD GAVCPLEELC DVAHEFGAIT FVDEVHAVGL YGARGGGIGD RDGVMPKMDI ISGTLGKAFG CVGGYIASTS LLIDTVRSYA AGFIFTTSLP PMLLAGALES VRILKSSEGR ALRRQHQRNV KLLRQMLMDA GLPVIHCPSH IIPVRVADAA KNTEICDELM TRHNIYVQAI NYPTVPRGEE LLRIAPTPHH TPQMMNFFVE KLLVTWKRVG LELKPSSAE CNFCRRPLHF EVMSEREKAY FSGMSKMVSA QA
Source	Yeast
Target Names	Alas1
Protein Names	Recommended name: 5-aminolevulinate synthase, nonspecific, mitochondrial Short name= ALAS-H EC= 2.3.1.37 Alternative name(s): 5-aminolevulinic acid synthase 1 Delta-ALA synthase 1 Delta-aminolevulinate synthase 1
Expression Region	57-642
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

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.