



Recombinant Human 5-aminolevulinate synthase, nonspecific, mitochondrial (ALAS1)

Product Code	CSB-BP001559HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P13196
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QIKE TPPASEKDKT AKAKVQQTPD GSQQSPDGTQ LPSGHPLPAT SQGTASKCPF LAAQMNQRGS SVFCKASLEL QEDVQEMNAV RKEVAETSAG PSVSVKTDG GDPSELLKNF QDIMQKQRPE RVSHLLQDNL PKSVSTFQYD RFFEKKIDEK KNDHTYRVFK TVNRRAHIFP MADDYSDSLI TKKQVSVWCS NDYLGMSRHP RVCGAVMDTL KQHAGAGAGT RNISGTSKFH VDLERELADL HGKDAALLFS SCFVANDSTL FTLAKMMPGC EIYSDSGNHA SMIQGIRNSR VPKYIFRHND VSHLRELLQR SDPSVPKIVA FETVHSM DGA VCPLEELCDV AHEFGAITFV DEVHAVGLYG ARGGGIGDRD GVMPKMDIIS GTLGKAFGCV GGYIASTSSL IDTVRSYAAG FIFTTSLPPM LLAGALESVR ILKSAEGRVL RRQHQRNVKL MRQMLMDAGL PVVHCP SHII PVRVADA AKN TEVCDELMSR HNIYVQAINY PTVPRGEELL RIAPTPHHTP QMMNYFLENL LVTWKQVGLE LKP HSSAECN FCRRPLHFEV MSEREKSYFS GLSKLVSAQA
Source	Baculovirus
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	57-640
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.