

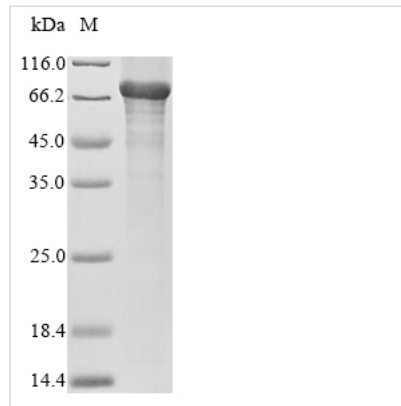


# Recombinant Mouse 5-aminolevulinate synthase, nonspecific, mitochondrial (Alas1)

<b>Product Code</b>	CSB-EP844984MO
<b>Abbreviation</b>	Recombinant Mouse Alas1 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8VC19
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	QVKETPPANEKEKTAKAAVQQAPDESQMAQTPDGTQLPSGHPSPATSQGSG SKCPFLAAQLSQTGSSVFRKASLELQEDVQEMHAVRKEAAQSPVPPSLVNVK TDGEDPSRLLKNFQDIMRKQRPERVSHLLQDNLPKSVSTFQYDHFEEKKID EK KNDHTYRVFKTVNRR AQIFPMADDYTDLSLITKKQVSVWCSNDYLGMSRHRPV CGAVMETVKQH GAGAGGTRNISGTSKFHVELEQALADLHGKDAALLFSSCFV ANDSTLFTLAKMMPGCEIYSDSGNHASMIQGIRNSRVPKYIFRHNDVNHLELL QRSDPSVPKIVAFETVHSM DGAVCPLEELCDVAHEFGAITFVDEVHAVGLYGA RGGGIGDRDGVMPKMDIISGTLGKAFGCVGGYIASTSLIDTVRSYAAGFIFTT S LPPMLLAGALESVRILKSSEGRALRRQHQRNVKLLRQMLMDAGLPVIHCP SHII PVRVADAAKNTEICDELMTRHNIYVQAINYPTVPRGEELLRIAPTPHHTPQMMN FFVEKLLVTWKRVGLELKP HSSAECNFCRRPLHFVMSEREKAYFSGMSK MV SAQA
<b>Research Area</b>	Cardiovascular
<b>Source</b>	E.coli
<b>Target Names</b>	Alas1
<b>Protein Names</b>	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
<b>Expression Region</b>	57-642aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	72.3 kDa
<b>Protein Length</b>	Full Length of Mature Protein



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

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