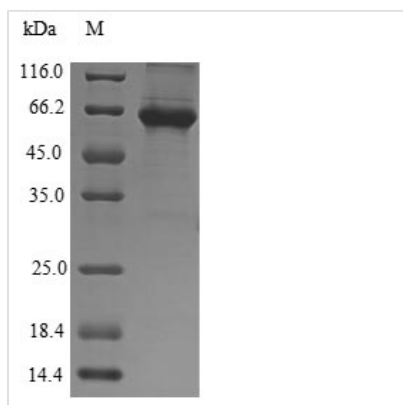




Recombinant Human 5-aminolevulinate synthase, erythroid-specific, mitochondrial (ALAS2)

Product Code	CSB-EP001560HU
Abbreviation	Recombinant Human ALAS2 protein
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.	P22557
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	<p>QIHLKATKAGGDSPSWAKGHCPFMLSELQDGKSKIVQKAAPEVQEDVKAFKT DLPSSLVSVSLRKPFSGPQEQQISGKVTHLIQNNMPGNYVFSYDQFFRDKIM EKKQDHTYRVFKTVNRWADAYPFAQHFSEASVASKDVS VWCSNDYLGMSRH PQVLQATQETLQRHGAGAGGTRNISGTSKFHVELEQELAEHLHQKDSALLFSSC FVANDSTLFTLAKILPGCEIYSDAGNHASMIQGIRNSGA AKFVFRHNDPDHLKK LLEKSNPKIPKIVAFETVHSMDGAICPLEELCDVSHQYGALTFVDEVHAVGLYG SRGAGIGERD GIMHKIDIISGTLGKAFCVGGYIASTRDLVDMVRSYAAGFIFTT SLPPMVLSGALESVRLLKGEEGQALRRAHQRNVK HMRQLLMDRGLPVI PCPS HIIPIRVGNAALNSKLCDLLLSKHGIYVQAINYPTVPRGEELLRLAPSPHHSPQM MEDFVEKLLLAWTAVGLPLQDVSVAACNFCRRPVH FELMSEWERSYFGNMG PQYVTTYA</p>
Research Area	Cancer
Source	E.coli
Target Names	ALAS2
Protein Names	Recommended name: 5-aminolevulinate synthase, erythroid-specific, mitochondrial Short name= ALAS-E EC= 2.3.1.37 Alternative name(s): 5-aminolevulinic acid synthase 2 Delta-ALA synthase 2 Delta-aminolevulinate synthase 2
Expression Region	50-587aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	63.5 kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.