

Recombinant Mouse Alas2 protein, His-tagged

Cat. No. Alas2-2506M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Alas2 protein(P08680)(50-587aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	50-587aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	65.6 kDa
AA Sequence	QIHLKATKAGGDSPSWAKSHCPFMLSELQDRKSKIVQRAAPEVQEDVKTFKTDLLST MDSTTRSHSFPSFQEPEQTEGAVPHLIQNNMTGSQAFGYDQFFRDKIMEKKQDHTY RVFKTVNRWANAYPFAQHFSEASMASKDVS VWCSNDYLGISRHPVLQAIEETLKN HGAGAGGTRNISGTSKFHVELEQELAEHLHQKDSALLFSSCFVANDSTLFTLAKLLPG CEIYSDAGNHASMIQGIRNSGAAKFVFRHNDPGHLKKLLEKSDPKTPKIVAFETVHS MDGAICPLEELCDVAHQYGALTFVDEVHAVGLYGARGAGIGERDGHIMHKLDIISGTL GKAFGCVGGYIASTRDLVDMVRSYAAGFITTSLPPMVLSGALESVRLLKGEEGQAL RRAHQNRNVKHMQRLLMDRGFPVIPCPSHIPIRVGNAALNSKICDLLLSKHSIYVQAIN YPTVPRGEEELLRLAPSPHHSPQMMENFVEKLLAWTEVGLPLQDVSVAACNFCGRP

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VHFELMSEWERSYFGNMGPQYVTTYA

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name [Alas2 aminolevulinic acid synthase 2, erythroid \[Mus musculus \]](#)

Official Symbol [Alas2](#)

Synonyms ALAS2; aminolevulinic acid synthase 2, erythroid; 5-aminolevulinate synthase, erythroid-specific, mitochondrial; delta-ALA synthase 2; erythroid-specific ALAS; 5-aminolevulinic acid synthase 2; delta-aminolevulinate synthase 2; ALAS; ALASE; ALAS-E; Alas-2;

Gene ID [11656](#)

mRNA Refseq [NM_001102446](#)

Protein Refseq [NP_001095916](#)

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