

Recombinant Mouse Alad Protein, Myc/DDK-tagged

Cat. No. Alad-1588M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aminolevulinate, delta-, dehydratase (cDNA clone MGC:18970 IMAGE:3992605), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes an early step in the biosynthesis of tetrapyrroles. Binds two molecules of 5-aminolevulinate per subunit, each at a distinct site, and catalyzes their condensation to form porphobilinogen.
Molecular Mass	20.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Alad aminolevulinate, delta-, dehydratase [Mus musculus (house mouse)]
Official Symbol	Alad
Synonyms	Alad; aminolevulinate, delta-, dehydratase; Lv; ALADH; delta-aminolevulinic acid dehydratase; porphobilinogen synthase; EC 4.2.1.24
Gene ID	17025
mRNA Refseq	NM_008525
Protein Refseq	NP_032551
UniProt ID	P10518

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