

Recombinant Mouse Aasdh Protein, Myc/DDK-tagged

Cat. No. Aasdh-1457M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aminoadipate-semialdehyde dehydrogenase (Aasdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The gene product is a cytosolic enzyme involved in the production of alpha-amino adipic acid from alpha-amino adipic semialdehyde. It is postulated that this enzyme plays a role in lysine metabolism. There is currently debate regarding this enzyme's putative requirement of pyrroloquinoline quinone as an essential cofactor. A related pseudogene has been identified on chromosome 2.
Molecular Mass	121.6 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	Aasdh aminoadipate-semialdehyde dehydrogenase [Mus musculus (house mouse)]
Official Symbol	Aasdh
Synonyms	AASDH; aminoadipate-semialdehyde dehydrogenase; acyl-CoA synthetase family member 4; protein LYS2 homolog; 2-aminoadipic 6-semialdehyde dehydrogenase; putative aminoadipate-semialdehyde dehydrogenase; U26; Acsf4; A830035E16; A230062G08Rik
Gene ID	231326
mRNA Refseq	NM_173765
Protein Refseq	NP_776126
UniProt ID	Q80WC9

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