

Recombinant Mouse Aldh7a1 Protein, MYC/DDK-tagged

Cat. No. Aldh7a1-481M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse aldehyde dehydrogenase family 7, member A1 (Aldh7a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in placenta adult (RPKM 56.9), liver adult (RPKM 51.3) and 23 other tissues.
Molecular Mass	55.6 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.

GENE INFORMATION

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Gene Name	Aldh7a1 aldehyde dehydrogenase family 7, member A1 [Mus musculus (house mouse)]
Official Symbol	Aldh7a1
Synonyms	Aldh7a1; aldehyde dehydrogenase family 7, member A1; Atq1; D18Wsu181e; alpha-aminoadipic semialdehyde dehydrogenase; P6c dehydrogenase; aldehyde dehydrogenase 7 family, member A1; alpha-AASA dehydrogenase; antiquitin-1; betaine aldehyde dehydrogenase; delta1-piperideine-6-carboxylate dehydrogenase; delta1-piperideine-6-carboxylate dehydrogenease; EC 1.2.1.3; EC 1.2.1.31; EC 1.2.1.8
Gene ID	110695
mRNA Refseq	NM_001127338
Protein Refseq	NP_001120810
UniProt ID	Q9DBF1