

Recombinant Mouse Aldh7a1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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| 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 dehydrogenase; 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 |

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