

## Recombinant Mouse Aldh7a1 Protein, MYC/DDK-tagged

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

### SPECIFICATION

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse aldehyde dehydrogenase family 7, member A1 (Aldh7a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                           |
| <b>Description</b>      | Broad expression in placenta adult (RPKM 56.9), liver adult (RPKM 51.3) and 23 other tissues.                                                                    |
| <b>Molecular Mass</b>   | 55.6 kDa                                                                                                                                                         |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                       |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                    |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                   |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                 |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                            |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Aldh7a1 aldehyde dehydrogenase family 7, member A1 [ Mus musculus (house mouse) ]</a>                                                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | <a href="#">Aldh7a1</a>                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | 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 |
| <b>Gene ID</b>         | <a href="#">110695</a>                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | <a href="#">NM_001127338</a>                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | <a href="#">NP_001120810</a>                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | <a href="#">Q9DBF1</a>                                                                                                                                                                                                                                                                                                                                                                           |