

## Recombinant Mouse Aldh1a7, His-tagged

**Cat. No.** Aldh1a7-3262M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Aldehyde dehydrogenase, cytosolic 1 (Aldh1a7)                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 501                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                                 |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                             |
| <b>Notes</b>            | Small volumes of Aldh1a7 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                       |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                         |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                      |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">Aldh1a7 aldehyde dehydrogenase family 1, subfamily A7 [ Mus musculus ]</a>                                                                                                                                                                                                                          |
| <b>Official Symbol</b>     | Aldh1a7                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>            | Aldhpb; Aldh-pb; Aldh1a4; AI987940; Ahd2-like; aldehyde dehydrogenase, cytosolic 1; ALHDII; ALDH-E1; ALDH class 1; aldehyde dehydrogenase family 1 member A7; aldehyde dehydrogenase family 1, subfamily A4; aldehyde dehydrogenase phenobarbital-inducible; Aldehyde dehydrogenase 1 (phenobarbital inducible) |
| <b>Gene ID</b>             | <a href="#">26358</a>                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | <a href="#">NM_011921</a>                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_036051</a>                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>          | <a href="#">O35945</a>                                                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 19 B; 19 13.95 cM                                                                                                                                                                                                                                                                                               |
| <b>Pathway</b>             | Biological oxidations, organism-specific biosystem; Retinol metabolism, conserved biosystem                                                                                                                                                                                                                     |
| <b>Function</b>            | 3-chloroallyl aldehyde dehydrogenase activity; identical protein binding                                                                                                                                                                                                                                        |

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