

Recombinant Mouse Aldh7a1 protein, His-tagged

Cat. No. Aldh7a1-1358M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Aldh7a1 aa. (Met29~Gln539 (Accession # Q9DBF1) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met29~Gln539
Form	Freeze-dried powder
Molecular Mass	57kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

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-amino adipic semialdehyde dehydrogenase; P6c dehydrogenase; aldehyde dehydrogenase 7 family, member A1; alpha-AASA dehydrogenase; antiquitin-1; betaine aldehyde dehydrogenase; delta1-piperidine-6-carboxylate dehydrogenase; delta1-piperidine-6-carboxylate dehydrogenase

Gene ID

[110695](#)

mRNA Refseq

[NM_001127338.1](#)

Protein Refseq

[NP_001120810.1](#)

UniProt ID

[Q9DBF1](#)

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