

Recombinant Rat Aldh7a1 protein, His-tagged

Cat. No. Aldh7a1-1359R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Aldh7a1 aa. (Leu28~Gln539 (Accession # Q64057) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu28~Gln539
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
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 lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

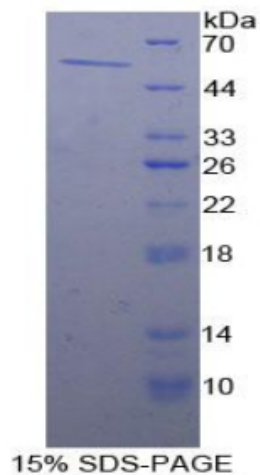
Gene Name	Aldh7a1 aldehyde dehydrogenase 7 family, member A1 [Rattus norvegicus (Norway rat)]
Official Symbol	Aldh7a1
Synonyms	Aldh7a1; aldehyde dehydrogenase 7 family, member A1; antiquitin; alpha-amino adipic semialdehyde dehydrogenase; P6c dehydrogenase; aldehyde dehydrogenase family 7 member A1; alpha-AASA dehydrogenase; antiquitin-1; betaine aldehyde dehydrogenase; delta1-piperidine-6-carboxylate dehydrogenase; delta1-piperidine-6-carboxylate dehydrogenase
Gene ID	291450
mRNA Refseq	NM_001271105.1
Protein Refseq	NP_001258034.1
UniProt ID	Q64057

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SDS-PAGE



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