

Active Recombinant Mouse ALDH1A3 protein, His-tagged

Cat. No. ALDH1A3-980M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ALDH1A3 protein()(Ala2-Pro512), fused with His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala2-Pro512
Form	Lyophilized from sterile 50 mm TRIS, 50 Mm NaCl pH8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Active
Molecular Mass	The recombinant mouse ALDH1A3 consists of 518 amino acids and predicts a molecular mass of 56.94 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Aldh1a3 aldehyde dehydrogenase family 1, subfamily A3 \[Mus musculus \]](#)

Official Symbol [ALDH1A3](#)

Synonyms ALDH1A3; aldehyde dehydrogenase family 1, subfamily A3; aldehyde dehydrogenase family 1 member A3; RALDH-3; aldehyde dehydrogenase 6; aldehyde dehydrogenase-6; retinaldehyde dehydrogenase 3; V1; ALDH6; RALDH3;

Gene ID [56847](#)

mRNA Refseq [NM_053080](#)

Protein Refseq [NP_444310](#)

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