

Recombinant Human ALDH7A1 protein, His-tagged

Cat. No. ALDH7A1-868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH7A1 protein(P49419-2)(Ser2-Gln511), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-Gln511
Form	Lyophilized from sterile 50mM Tris, 500mM NaCl, 20% glycerol, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human ALDH7A1 consisting of 517 amino acids and migrates as an approximately 56 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 93 % 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.
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.

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GENE INFORMATION

Gene Name [ALDH7A1 aldehyde dehydrogenase 7 family, member A1 \[Homo sapiens \]](#)

Official Symbol [ALDH7A1](#)

Synonyms [ALDH7A1](#); aldehyde dehydrogenase 7 family, member A1; [ATQ1](#); alpha-aminoadipic semialdehyde dehydrogenase; 26g turgor protein homolog; alpha AASA dehydrogenase; alpha aminoadipic semialdehyde dehydrogenase; antiquitin 1; delta1 piperidine 6 carboxylate dehydrogenase; [EPD](#); P6c dehydrogenase; [PDE](#); antiquitin-1; alpha-AASA dehydrogenase; betaine aldehyde dehydrogenase; delta1-piperidine-6-carboxylate dehydrogenase; [FLJ11738](#); [FLJ92814](#);

Gene ID [501](#)

mRNA Refseq [NM_001182](#)

Protein Refseq [NP_001173](#)

MIM [107323](#)

UniProt ID [P49419](#)

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