

Recombinant Human ALDH7A1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ALDH7A1 protein(P49419-2) (Ser 2-Gln 511) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-511 aa
Form	Lyophilized from sterile 50mM Tris, 500mM NaCl, 20% glycerol, pH 8.0.
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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

GENE INFORMATION

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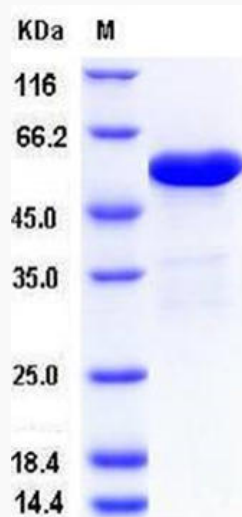
Gene Name	ALDH7A1 aldehyde dehydrogenase 7 family, member A1 [Homo sapiens]
Official Symbol	ALDH7A1
Synonyms	ALDH7A1; aldehyde dehydrogenase 7 family, member A1; ATQ1; alpha-aminoadipic semialdehyde dehydrogenase; 26g turgor protein homolog; alpha AASA dehydrogenase; alpha aminoadipic semialdehyde dehydrogenase; 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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SDS-PAGE



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