

Recombinant Human ALDH3A2 protein, His-tagged

Cat. No. ALDH3A2-9558H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH3A2 protein(1-314 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-314 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MELEVRRVRQAFLSGRSRPLRFRLQQLEALRRMVQEREKDILTAIAADLCKSEFNVY
 SQEVITVLGEIDFMLENLPEWVTAKPVKKNVLTMLDEAYIQPQPLGVVLIIGAWNYPF
 VLTIQPLIGAIAAGNAVIKPSSESENTAKILAKLLPQYLDQDLYIVINGGVEETTELLKQ
 RFDHIFYTGNTAVGKIVMEAAAKHLTPVTLELGGKSPCYIDKDCDLDIVCRRITWGKY
 MNCGQTCIAPDYILCEASLQNQIVWKIKETVKEFYGENIKESPDYERIINLRHFKRILSL
 LEGQKIAFGGETDEATRYIA

GENE INFORMATION

Gene Name [ALDH3A2 aldehyde dehydrogenase 3 family, member A2 \[Homo sapiens \]](#)

Official Symbol [ALDH3A2](#)

Synonyms

ALDH3A2; aldehyde dehydrogenase 3 family, member A2; ALDH10, SLS; fatty aldehyde dehydrogenase; FALDH; aldehyde dehydrogenase 10; microsomal aldehyde dehydrogenase; aldehyde dehydrogenase family 3 member A2; SLS; ALDH10; FLJ20851; DKFZp686E23276;

Gene ID [224](#)

mRNA Refseq [NM_000382](#)

Protein Refseq [NP_000373](#)

MIM [609523](#)

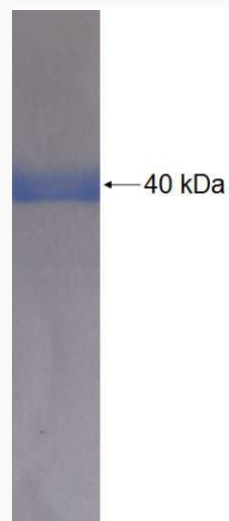
UniProt ID [P51648](#)

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SDS-PAGE



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