

Recombinant Human ALDH8A1 protein, His-tagged

Cat. No. ALDH8A1-7954H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH8A1 protein(136-487 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	136-487 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

CMHYTVRAPVGVAGLISPWNLPYLLTWKIAPAMAAGNTVIAKPSELTSVTAWMLCK
 LLDKAGVPPGVVNIVFGTGPRVGEALVSHPEVPLISFTGSQPTAERITQLSAPHCKKL
 SLELGKKNPAIIFEDANLDECIPATVRSSFANQGEICLCTSRIFVQKSIYSEFLKRFVEA
 TRKWVGIPSDPLVSIGALISKAHLEKVRSYVKRALAEGAQIWCGEVVDKLSLPARN
 QAGYFMLPTVITDIKDESCCMTEEIFGPVTCVVPFDSEEEVIERANNVKYGLAATVWS
 SNVGRVHRVAKKLQSGLVWTNCWLIRELNLPFGGMKSSGIGREGAKDSYDFFTEIK
 TITVKH

GENE INFORMATION

Gene Name [ALDH8A1 aldehyde dehydrogenase 8 family, member A1 \[Homo sapiens \]](#)

Official Symbol [ALDH8A1](#)

Synonyms ALDH8A1; aldehyde dehydrogenase 8 family, member A1; aldehyde dehydrogenase family 8 member A1; ALDH12; aldehyde dehydrogenase 12; aldehyde dehydrogenase family protein; DJ352A20.2; MGC138650; DKFZp779D2315;

Gene ID [64577](#)

mRNA Refseq [NM_001193480](#)

Protein Refseq [NP_001180409](#)

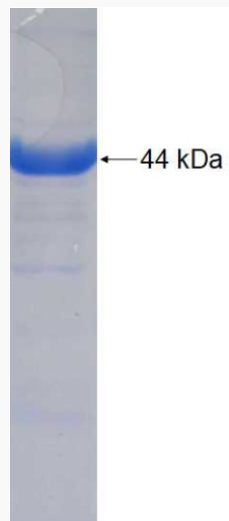
MIM [606467](#)

UniProt ID [Q9H2A2](#)

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SDS-PAGE

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