

Recombinant Human ALDH1B1 protein, His-tagged

Cat. No. ALDH1B1-4632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH1B1 protein(168-517 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	168-517 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	90%, 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

FCFTRHEPVGVCGQIIPWNFPLVMQGWKLAPALATGNTVVMKVAEQTPLSALYLAS
 LIKEAGFPPGVVNIITGYGPTAGAAIAQHMDVDKVAFTGSTEVGHLIQKAAGDSNLKR
 VTLELGGKSPSIVLADADMEHAVEQCHEALFFNMGQCCCAGSRTFVEESIYNEFLER
 TVEKAKQRKVGPNPFELDTQQGPQVDKEQFERVLGYIQLGQKEGAKLLCGGERFGE
 RGFFIKPTVFGGVQDDMRIAKEEIFGPVQPLFKFKKIEEVVERANNTRYGLAAAVFTR
 DLDKAMYFTQALQAGTVWVNTYNIVTCHTPFGGFKESGNGRELGEDGLKAYTEVKT
 VTIKVPQKNS

GENE INFORMATION

Gene Name [ALDH1B1 aldehyde dehydrogenase 1 family, member B1 \[Homo sapiens \]](#)

Official Symbol [ALDH1B1](#)

Synonyms ALDH1B1; aldehyde dehydrogenase 1 family, member B1; ALDH5; aldehyde dehydrogenase X, mitochondrial; ALDHX; ALDH class 2; aldehyde dehydrogenase 5; acetaldehyde dehydrogenase 5; MGC2230;

Gene ID [219](#)

mRNA Refseq [NM_000692](#)

Protein Refseq [NP_000683](#)

MIM [100670](#)

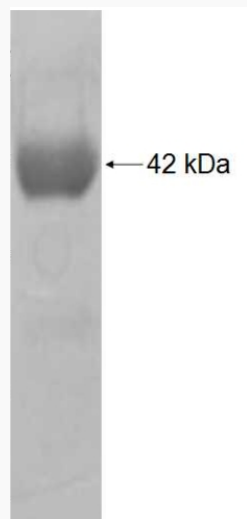
UniProt ID [P30837](#)

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SDS-PAGE



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