

Recombinant Human ALDH1B1 protein, His-tagged

Cat. No. ALDH1B1-9553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH1B1 protein(330-382 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	330-382 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	SIYNEFLERTVEKAKQRKVGPNPFELDTQQGPQVDKEQFERVLGYIQLGQKEGA
Purity	85%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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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