

Recombinant Human ALDH1B1 protein, His-GST&V5-Myc-tagged

Cat. No. ALDH1B1-553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH1B1 protein(P30837)(167-264aa), fused with N-terminal His and GST tag and C-terminal V5 and Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	167-264aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

SRVISQPDQTLEILMSELDPAVMDQFYMKDGVTAKDVTRESGIRDLIPGSVIDATMFN
PCGYSMNGMKSDGTYWTIHITPEPEFSYVSFETNLSQTSY

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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