

Recombinant Human ALDH1B1 Protein, Myc/DDK-tagged

Cat. No. ALDH1B1-8938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human aldehyde dehydrogenase 1 family, member B1 (ALDH1B1), nuclear gene encoding mitochondrial protein with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems.
Molecular Mass	55.3 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name ALDH1B1 aldehyde dehydrogenase 1 family member B1 [Homo sapiens (human)]

Official Symbol ALDH1B1

Synonyms ALDH1B1; aldehyde dehydrogenase 1 family member B1; ALDH5; ALDHX; aldehyde dehydrogenase X, mitochondrial; ALDH class 2; acetaldehyde dehydrogenase 5; aldehyde dehydrogenase 5; epididymis secretory sperm binding protein; EC 1.2.1.3

Gene ID 219

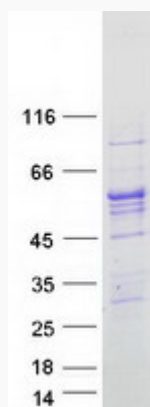
mRNA Refseq NM_000692

Protein Refseq NP_000683

MIM 100670

UniProt ID P30837

SDS-PAGE



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