

Recombinant Mouse Aldh1b1 Protein, Myc/DDK-tagged

Cat. No. ALDH1B1-4893M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse aldehyde dehydrogenase 1 family, member B1 (Aldh1b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation.
Molecular Mass	57.6 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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 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 Name	Aldh1b1 aldehyde dehydrogenase 1 family, member B1 [Mus musculus (house mouse)]
Official Symbol	Aldh1b1
Synonyms	Aldh1b1; aldehyde dehydrogenase 1 family, member B1; 2700007F14Rik; aldehyde dehydrogenase X, mitochondrial; aldehyde dehydrogenase family 1 member B1; EC 1.2.1.3
Gene ID	72535
mRNA Refseq	NM_028270
Protein Refseq	NP_082546
UniProt ID	Q9CZS1

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