

Product datasheet for **TP508320**

Aldh1b1 (NM_028270) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse aldehyde dehydrogenase 1 family, member B1 (Aldh1b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208320 protein sequence
Red=Cloning site **Green**=Tags(s)

MLTARLLLPRLLCLQGRTTSYSTAAALPNPIPNEICYNKLFINNEWHDAVSKKTFPTVNPTTGEVIGHV
AEGDRADVDLAVKAAREAFRLGSPWRRMDASERGRLLNRLADLVERDRVYLASLETLDNGKPFQESYVLD
LDEVIKRYRYFAGWADKWHGKTIPMDGEHFCFTRHEPVGVCQIIPWNFPLVMQGWKLAPALATGNTVVM
KVAEQTPLSALYLASLIKEAGFPPGVNIITGYGPTAGAAIAQHMDVDKVAFTGSTVEGHLIQKAAGESN
LKRVTLELGGKSPSIVLADADMEHAVDQCHEALFFNMGQCCAGSRTFVEESIYREFLERTVEKAKQRKV
GNPFELDTQQGPQVDKEQFERILGYIRLGQKEGAKLLCGGERLGERGFFIKPTVFGDVQDGMRIAKEEIF
GPVQPLFKFKIEEVIQRANTRYGLAAAVFTRDLDKAIYFTQALQAGTVWVNTYNIVTCTHPFGGFKES
GNGRELGEDGLRAYTEVKTVTIKVPEKNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 57.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_082546](#)



[View online »](#)

Locus ID: 72535

UniProt ID: [Q9CZS1](#)

RefSeq Size: 2302

Cytogenetics: 4 B1

RefSeq ORF: 1560

Synonyms: 2700007F14Rik

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]