

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

ALDH2,18-517aa, Human, Recombinant, E.coli

产品货号: TP01124

第三版

别名:Aldehyde dehydrogenase, mitochondrial; ALDH-E2; ALDH1; ALDM.

描述:ALDH2 (Aldehyde dehydrogenase 2 family) belongs to the aldehyde dehydrogenase family which catalyze the chemical transformation from acetaldehyde to acetic acid and is the second enzyme of the major oxidative pathway of alcohol metabolism.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 1 mM EDTA, 10% glycerol

分子量:54.5 kDa (501aa), confirmed by MALDI-TOF.

序列:

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MSAAATQAVPAPNQQPEVFCNQIFINNEWHDAVSRKTFPTVNPSTGEVICQVAEGDKEDVDKAVKAARA AFQLGSPWR  
RMDASHRGRLLNRLADLIERDRTYLAALETLDNGKPYVISYLVLDLMVLKCLRYAGWADKYHGKTIPIDGDFFSYTRHE  
PVGVCQIIPWNFLLMQAWKLGALATGNVVMKVAEQTPLTALYVANLIKEAGFPPGVVNI VPGFGPTAGAAIASHE  
DVDKVAFTGSTEIGRVIQVAAGSSNLKRV TLELGGKSPNIIMSDADMDWAVEQAHFALFFNQGCCAGSRTFVQEDIY  
DEFVERSVARAKSRVVGPNPFDKTEQGPQVDETQFKKILGYINTGKQEGAKLLCGGGIAADRGYFIQPTVFGDVQDGMTI  
AKEEIFGPVMQILKFKTIEEVVGRANNSTYGLAAA VFTKDLDKANYLSQALQAGTVVWVNCYDVFGAQSPFGGYKMSGSG  
RELGEYGLQAYTEVKT VTKVPQKNS
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纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.