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Aldh2, 20-519aa, Mouse, His tag, E.coli

产品货号: TP01123

第三版

别名:Aldehyde dehydrogenase, mitochondrial, Ahd-5, Ahd5

描述:Aldh2 also known as Aldehyde dehydrogenase, mitochondrial. Aldh2 belongs to the aldehyde dehydrogenase family which catalyzes the chemical transformation from acetaldehyde to acetic acid and is the second enzyme of the major oxidative pathway of alcohol metabolism. There are two major liver isoforms of this enzyme, cytosolic and mitochondrial, and they can be also distinguished by their electrophoretic mobilities, kinetic properties, and subcellular localizations. Recombinant mouse ALDH2 was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid. In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

分子量:56.8kDa (523aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSSAAATSAVPAPNHQPEVFCNQIFINNEWHDVSRKTFPTVNPSTGEVICQVAEGN
KEDVDKAVKAARAAFQLGSPWRRMDASDRGRLLYRLADLIERDRTYLAALETLDNGKPYVISYLVLDLDMVLKCLRYAG
WADKYHGKTIPIDGFFSYTRHEPVGVCGQIIPWNFPLMQAWKLGALATGNVVMKVAEQTPLTALYVANLIKEAGF
PPGVVNI VPGFGPTAGAAIASHEGVDKVAFTGSTEVGH LIQVAAGSSNLKRV TLELGGKSPNII MSDADMDWAVEQAHF
ALFFNQGCCAGSRTFVQENVYDEFVRSVARAKSRVVG NPFDSRTEQGPQVDETQFKILGYIKSGQEGAKLLCGG
GAAADRGYFIQPTVFGDVKDGMTIAKEEIFGPMQILKFKTIEEVVGRANDSKYGLAAAVFTKDLDKANYLSQALQAGTV
WINCYDVFGAQSPFGGYKMSGSGRELGEYGLQAYTEVKT VTKVPQKNS

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Bradford assay)

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.