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Aldehyde dehydrogenase 1A1, 1-501aa, Human, E.coli

产品货号: TP01122

第三版

别名: Retinal dehydrogenase 1, RALDH1, ALDC, ALDH-E1, ALDH1, ALDH11, PUMB1, RALDH1.

描述: Aldehyde dehydrogenase 1A1 (ALDH1A1), also known as retinal dehydrogenase 1, is the second enzyme of the major oxidative pathway of alcohol metabolism. Two major liver isoforms of this enzyme, cytosolic and mitochondrial, can be distinguished by their electrophoretic mobilities, kinetic properties, and subcellular localizations.

配方: Liquid. In 50mM Tris-HCl buffer (pH7.5) containing 10% glycerol

分子量: 54.8 kDa (501aa)

序列:

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MSSSGTDPDLPVLLTDLKIYTKIFINNEWHDSVSGKKFPVFNPAATEEELCQVEEGDKEDVDKAVKAARQAFQIGSPWRM
DASERGRLLYKLADLIERDRLLLATMESMNGGKLYSNAYLNDLAGCIKTLRYCAGWADKIQGRTIPIDGNFFTYTRHEPIG
VCGQIIPWNFPLVMLIWKIGPALSCGNTVVVKPAEQTPLTALHVASLIKEAGFPPGVVNI VPGYGPTAGAAISSHMDIDKV
AFTGSTVEVGKLIKEAAGKSNLKRVTLELGGKSPCIVLADADLDNAVEFAHHGVFYHQGCCIAASRIFVEESIYDEFVRRSV
ERAKKYILGNPLTPGVTTQGPQIDKEQYDKILDIESGKKEGAKLECGGGPWGNKGYFVQPTVFSNVTDEMRIAKEEIFGPV
QQIMKFKSLDDVIKRRANNTFYGLSAGVFTKIDIDKAITISSALQAGTVVWVNCYGVVSAQCFFGGFKMSGNGRELGEYGFHE
YTEVKT VTKISQKNS
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纯度: > 95% by HPLC

浓度: 1 mg/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.