

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。

HADH, 13-314aa, Human, His tag, E.coli

产品货号: TP02394

第三版

别名: Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial, HAD, HADH1, HHF4, M/SCHAD, SCHAD

描述: HADH, which belongs to the family of oxidoreductases, is important for converting certain fats to energy. This protein is an enzyme that catalyzes the chemical reaction. ((S)-3-hydroxyacyl-CoA + NAD⁺ → 3-oxoacyl-CoA + NADH + H⁺) It is also involved in a process called fatty acid oxidation, in which several enzymes work in a step-wise fashion to break down (metabolize) fats and convert them to energy.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl

分子量: 35.1 kDa (323aa)

序列:

MGSSHHHHHHSSGLVPRGSHMSSSSTASASAKKIIVKHVTVIGGGLMGAGIAQVAAATGHTVVLDQTEDILAKSKKGIE
ESLRKVAKKKFAENPKAGDEFVEKTLSTIATSTDAASVVHSTDLVVEAIVENLKVKNELFKRLDKFAAEHTIFASNTSSLQIT
SIANATTRQDRFAGLHFFNPVPMKLVVEIKTPMSTQKTFESLVDLDFSKALGKHPVSCKDTPGFIVNRLVLPYLMEAIRLYER
GDASKEDIDTAMKLGAGYPMGPFELLDYVGLDTTKFIVDGDWHEMDAENPLHQSPSLNKLVAENKFGKKTGEGFYKYK

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.