

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。

ACADM, 26-421aa, Human, His tag, E.coli

产品货号: TP01026

第三版

别名: Medium-chain specific acyl-CoA dehydrogenase; ACAD1; CAD; MCADH.

描述: ACADM, also known as acyl-Coenzyme A dehydrogenase is an enzyme that is important for breaking down (degrading) a certain group of fats called medium-chain fatty acids. It is essential for converting these particular fatty acids to energy, especially during periods without food (fasting).

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

分子量: 45.9 kDa (417aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAAEYDKTGEYPVPLIRRAWEL  
GLMNTHIPENCGGLGLGTFDACLISEELAYGCTGVQTAIEGNSLGQMPIIIAGNDQQKKYLGRMTEEPLMCAYCVTEPG  
AGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKANWYFLLARSDPDPKAPANKAFTGFIVEADTPGIQIGRKELNMGQR  
CSDTRGIVFEDVKVPKENVLIGDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAI SFM  
LAEMAMKVELARMSYQRAAWEVDSGRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKLMRDAKIYQIYE  
GTSQIQRLIVAREHIDKYKN
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纯度: > 95% by HPLC

浓度: 0.5 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.