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ACADL, 31-430 aa, Human, His tag, E.coli

产品货号: TP01025

第三版

别名: Acyl-CoA dehydrogenase, long chain, ACAD4, FLJ94052, LCAD

描述: ACADL belongs to the acyl-CoA dehydrogenase family, existing as a homotetramer. It is involved in the catabolism of fatty acids and amino acids and they provide a major source of energy for the heart and skeletal muscle.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT, 0.15M NaCl.

分子量: 46.7 kDa (421aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGGEERLETPSAKKLTDIGIRRFSPEDHIFRKSVRKFFQEEVIPHHSEWEKAGEVSREVV  
EKAGKQGLLGVNIAEHLGGIGDLYSAAIVWEEQAYSNCSPGFSIHSGIVMSYITNHGSEEQIKHFIPQMTAGKCIGAIA  
MTEPGAGSDLQGIKTNKDGSDWILNGSKVFISNGSLSDVVIVVAVTNHEAPSPAHGISLFLVENGMKGFVKGRKLHKM  
GLKAQDTAELFFEDIRLPASALLGEENKGFYYIMKELPQERLLIADVAISASEFMFEETRNYVKQRKAFGKTVAHLQTVQHK  
LAELKTHICVTRAFVDNCLQLHEAKRLDSATACMAKYWASELQNSVAYDCVQLHGGWGYMWEYPIAKAYVDARVQPI  
YGGTNEIMKELIAREIVFDK

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford)

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.