abcam

Product datasheet

Recombinant Human ACADL/LCAD protein ab113579

1 图像

描述

产品名称	重组人ACADL/LCAD蛋白
纯度	> 85 % SDS-PAGE. > 85 % by SDS - PAGE. ab113579 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	P28330
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMGGEERLETPSAKKLTDIGIRRIFSPEHDI FRKSVRKFFQEEVIPHHSEWEKAGEVSREVWEKAGKQGLLGVNIAEHLGG IGGDLYSAAIVWEEQAYSNCSGPGFSIHSGIVMSYITNHGSEEQIKHFIP QMTAGKCIGAIAMTEPGAGSDLQGIKTNAKKDGSDWILNGSKVFISNGSL SDVVIVVAVTNHEAPSPAHGISLFLVENGMKGFIKGRKLHKMGLKAQDTA ELFFEDIRLPASALLGEENKGFYYIMKELPQERLLIADVAISASEFMFEE TRNYVKQRKAFGKTVAHLQTVQHKLAELKTHICVTRAFVDNCLQLHEAKR LDSATACMAKYWASELQNSVAYDCVQLHGGWGYMWEYPIAKAYVDARVQP IYGGTNEIMKELIAREIVFDK
预测分子量	47 kDa including tags
氨基酸	31 to 430
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab113579** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
补充说明	Previously labelled as ACADL.

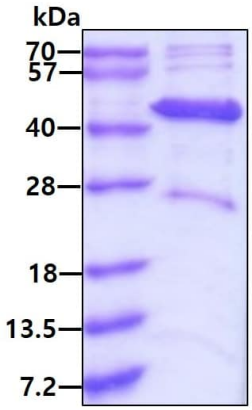
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

常规信息

通路	Lipid metabolism; mitochondrial fatty acid beta-oxidation.
疾病相关	Defects in ACADL are a cause of acyl-CoA dehydrogenase very long-chain deficiency (ACADVLD) [MIM:201475]. An inborn error of mitochondrial fatty acid beta-oxidation which leads to impaired long-chain fatty acid beta-oxidation. It is clinically heterogeneous, with three major phenotypes: a severe childhood form characterized by early onset, high mortality and high incidence of cardiomyopathy; a milder childhood form with later onset, characterized by hypoketotic hypoglycemia, low mortality and rare cardiomyopathy; an adult form, with isolated skeletal muscle involvement, rhabdomyolysis and myoglobinuria, usually triggered by exercise or fasting.
序列相似性	Belongs to the acyl-CoA dehydrogenase family.
细胞定位	Mitochondrion matrix.

图片



SDS-PAGE - Recombinant Human ACADL/LCAD protein (ab113579)

3ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

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