abcam

Product datasheet

Recombinant Human FACL4 protein ab152375

1 图像

描述

产品名称	重组人FACL4蛋白
表达系统	Wheat germ
Accession	O60488-2
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MAKRIKAKPTSDKPGSPYRSVTHFDSLAVIDIPGADTLDKLF DHAVSKFG KKDSLGTREILSEENEMQPNGKVFKKLILGNYKWMNYLEVNR RVNNFGSG LTALGLKPKNTIAIFCETRAEWMIAAQTCFKYNFPLVTLYAT LGKEAVVH GLNESEASYLITSVELLESKLKTALLDISCVKHIIYVDNKAI NKAEYPEG FEIHSMQSVEELGSNPENLGIPPSRPTPSDMAIVMYTSGSTG RPKGVMMH HSNLIAGMTGQCERIPGLGPKDTYIGYLPLAHVLELTAEISC FTYGCRIG YSSPLTLSDQSSKIKKGSKGDCTVLKPTLMAAVPEIMDRIYK NVMSKVQE MNYIQKTLFKIGYDYKLEQIKKGYDAPLCNLLLFKKVKALLG GNVRMMLS GGAPLSPQTHRFMNVCFCCPIGQGYGLTESCGAGTVTEVTDY TTGRVGAP LICCEIKLKDWQEGGYTINDKPNPRGEIVIGGQNISMGYFKN EEKTAEDY SVDENGQRWFCTGDIGEFHPDGCLQIIDRKKDLVKLQAGEYV SLGKVEAA LKNCPLIDNICAFAKSDQSYVISFVVPNQKRLTLLAQQKGVE GTWVDICN NPAMEAEILKEIREAANAMKLERFEIPIKVRLSPEPWTPETG LVTDAFKL KRKELRNHYLKDIERMYGGK
预测分子量	101 kDa including tags

氨基酸	1 to 670

技术指标

Our **Abpromise guarantee** covers the use of **ab152375** in the following tested applications.

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

应用	ELISA SDS-PAGE Western blot
形式	Liquid
补充说明	

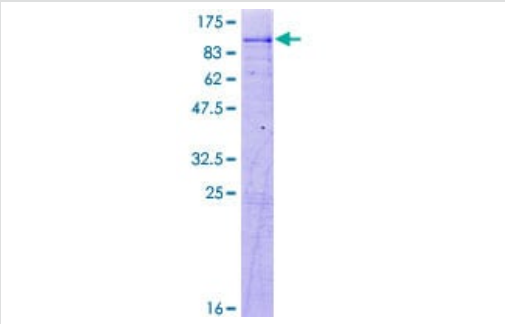
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能	Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates.
疾病相关	Defects in ACSL4 are the cause of mental retardation X-linked type 63 (MRX63) [MIM:300387]. Mental retardation is a mental disorder characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs. Defects in ACSL4 are involved in Alport syndrome with mental retardation midface hypoplasia and elliptocytosis (ATS-MR) [MIM:300194]. A X-linked contiguous gene deletion syndrome characterized by glomerulonephritis, deafness, mental retardation, midface hypoplasia and elliptocytosis.
序列相似性	Belongs to the ATP-dependent AMP-binding enzyme family.
细胞定位	Mitochondrion outer membrane. Peroxisome membrane. Microsome membrane. Endoplasmic reticulum membrane.

图片



SDS-PAGE - Recombinant Human FACL4 protein (ab152375)

12.5% SDS-PAGE analysis of ab152375 stained with Coomassie Blue.

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