

Recombinant Human ACAD8 Protein

Cat No. :KF-P1024

表达系统: E. coli

蛋白结构序列: 23-415aa

蛋白编号: Q9UKU7

产品别称: isobutyryl-CoA dehydrogenase, mitochondrial, ACAD-8, ARC42,
Activator-recruited cofactor 42 kDa comp

分子量: 45.1kDa (416aa) (SDS-PAGE under reducing conditions)

纯度: >85% as determined by SDS-PAGE.

内毒素: ≤10EU/mg as determined by LAL test.

标签: N-6His

冻干Buffer: Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

复溶方式: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30%
glycerol, 1mM DTT

运输条件: 2-8℃

保存条件: Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing
50% glycerol is recommen

生物活性: 待查。

功能: 异丁酰辅酶 A 脱氢酶在缬氨酸分解代谢途径中催化 2-甲基丙酰辅酶 A 转化为 (2E) -2-甲基丙烯酰辅酶 A (PubMed: 11013134, PubMed: 12359132, PubMed: 16857760)。在较小程度上, 也能催化 (2S) -2-甲基丁酰辅酶 A 的氧化 (PubMed: 11013134, PubMed: 12359132)。

仅供科研或生产使用, 不可直接应用于人体。