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ACOT8, 1-319aa, Human, His tag, E.coli

产品货号: TP01039

第三版

别名: Acyl-coenzyme A thioesterase 8, hACTE-III, HNAACTE, the, PTE-1, PTE-2, PTE1, PTE2

描述: Acyl-coenzyme A thioesterase 8, also known as ACOT8, are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. This protein may mediate Nef-induced down-regulation of CD4. It competes with BAAT (Bile acid CoA: amino acid N-acyltransferase) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). ACOT8 shows a preference for medium-length fatty acyl-CoAs. Recombinant human ACOT8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT

分子量: 38.3 kDa (342aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMSSPQAPEDGQCGDRGDPPGDLRSVLVTTVLNLEPLDEDLFRGRHYWVPAKRLF
GGQIVGQALVAAAKSVSEDEVHVHSLHCYFVRAGDPKLPVLYQVERTRTGSSFSVRSVKAVQHGKPIFICQASFQQAQPSP
MQHQFSMPTVPPPEELLDCETLIDQYL RDPNLQKRYPLALNRIAAQEVPIEIKPVNPSLSQLQRMEPKQMFVVRRARGYIG
EGDMKMHCCVAAAYISDYAFLGTALLPHQWQHKVHFMVSLDHSWVHAPFRADHWMLYECESPWAGGSRGLVHGRL
WRQDGVLAVTCAQEGVIRVKPQVSESKL

纯度: > 95% by HPLC

浓度: 1 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.