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32-2110: ACOT8 Recombinant Protein

Alternative Name :	Acyl-coenzyme A thioesterase 8,hACTE-III,HNAACTE,the,PTE-1,PTE-2,PTE1,PTE2,Acyl-CoA thioesterase 8,Choloyl-coenzyme A thioesterase,HIV-Nef-associated acyl-CoA thioesterase,PTE-2,Peroxisomal acyl-coenzyme A thioester hydrolase 1

Description

Source : Escherichia Coli. ACOT8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 342 amino acids (1-319) and having a molecular mass of 38.3kDa. ACOT8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Acyl-CoA Thioesterase 8 (ACOT8) is a group of enzymes which catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), granting the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. ACOT8 mediate Nef-induced down-regulation of CD4. ACOT8 contends with BAAT (Bile acid CoA: amino acid N-acyltransferase) for bile acid-CoA substrate (such as chenodeoxycholoyl-CoA). ACOT8 prefers medium-length fatty acyl-CoAs.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The ACOT8 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSSPQAP EDGQGCGDRG DPPGDLRSVL VTTVLNLEPL DEDLFRGRHY WVPAKRLFGG QIVGQALVAA AKSVSEDVHV HSLHCYFVRA GDPKLPVLYQ VERTRTGSSF SVRSVKAVQH GKPIFICQAS FQQAQPSPMQ HQFSMPTVPP PEELLDCETL IDQYLRDPNL QKRYPLALNR IAAQEVPIEI KPVNPSPLSQ LQRMEPKQMF WVRARGYIGE GDMKMHCCVA AYISDYAFLG TALLPHQWQH KVHFMVSLDH SMWFHAPFRA DHWMLYECES PWAGGSRGLV HGRLWRQDGV LAVTCAQEGV IRVKPQVSES KL.

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