

32-2113: ACOT7 Recombinant Protein

Alternative Name : Cytosolic acyl coenzyme A thioester hydrolase, Acyl-CoA thioesterase 7, Brain acyl-CoA hydrolase, BACH, CTE-IIa, CTE-II, Long chain acyl-CoA thioester hydrolase, ACOT7, ACT, ACH1, LACH, LACH1, hBACH, RP1-120G22.10.

Description

Source : Escherichia Coli. ACOT7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 390 amino acids (1-370) and having a molecular mass of 42.6kDa. ACOT7 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Acyl-CoA Thioesterase 7 (ACOT7) belongs to the acyl coenzyme family. ACOT7 hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of the ACOT7 protein may be linked to mesial temporal lobe epilepsy.

Product Info

Amount : 20 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The ACOT7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl.

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 MARPGLIHS PGLPDTCALL QPPAASAAAA PMSGPDVET PSIAQICRIM RPDDANVAGN VHGGTILKMI EEAGAIISTR HCNSQNGERC VAALARVERT DFLSPMCIGE VAHVSAEITY TSKHSVEVQV NVMSENILTG AKKLTNKATL WYVPLSLKNV DKVLEVPPVV YSRQEQQEEG RKRYEAQKLE RMETKWRNGD IVQPVLPNPEP NTVSYSQSSL IHLVGPSDCT LHGFVHGGVT MKLMDEVAGI VAARHCKTNI VTASVDAINF HDKIRKGCVI TISGRMTFTS NKSMEIEVLV DADPVVDSSQ KRYRAASAFF TYVLSQEGR SLPVPQLVPE TEDEKKRFEE GKGRYLQMKR KRQGHAEPPQ.

