

Acyl-CoA Thioesterase 7 Human Recombinant

Item Number	rAP-1090
Synonyms	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	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.
Uniprot Accession Number	O00154
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MARPGLIHS A PGLPDTCALL QPPAASAAAA PMSGPDVET PSAIQI-CRIM RPDDANVAGN VHGGTILKMI EEAGAIISTR HCNSQNGERC VAALARVERT DFLSPMCIGE VAH-VSAEITY TSKHSVEVQV NVMSENILTG AKKLTNKATL WYVPLSLKNV DKVLEVPPVV YSRQEQUEEG RKRYEAQKLE RMETKWRNGD IVQPVLNPEP NTVSYSQSSL IHLVGPSDCT LHGFVHGGVT MKLMDEVAGI VAARHCKTNI VTASVDAINF HDKIRKGCVI TISGRMTFTS NKSMEIEVLV DADPVVDSSQ KRYRAASAFF TYVLSLQEGR SLPVQLVPE TEDEKKRFEE GKGRYLQMK A KRQGHAEPQP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The ACOT7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**