

Acyl-CoA Thioesterase 13 Human Recombinant

Item Number	rAP-1087
Synonyms	Acyl-coenzyme A thioesterase 13, Acyl-CoA thioesterase 13, Thioesterase superfamily member 2, ACOT-13, THEM2, HT012, MGC4961, PNAS-27, ACOT13.
Description	ACOT13 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (1-140 a.a.) and having a molecular mass of 17.1kDa. The ACOT13 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NPJ3
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MTSMTQLRE VIKAMTKARN FERVLGKIL VSAAPGKVIC EMKVEEE-HTN AIGTLHGGLT ATLVDNISTM ALLCTERGAP GVSVDMNITY MSPAKLGEDI VITAHVLKQG KTLAFTSVDL TNKATGKLIA QGRHTKHLGN.
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 ACOT13 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. 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**