

Acyl-CoA Thioesterase 8 Human Recombinant

Item Number	rAP-1096
Synonyms	Acyl-coenzyme A thioesterase 8, hACTE-III, HNACTE, 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, Peroxisomal lo
Description	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.
Uniprot Accession Number	O14734
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMSPPQAP EDGQCGDRG DPPGDLRSVL VTTVLNLEPL DED-LFRGRHY WVPAKRLFGG QIVGOALVAA AKSVSEVDVHV HSLHCYFVRA GDPKLPVLYQ VERTRTGSSF SVRSVKAVQH GKPIFICQAS FQQAQPSMQ HQFSMPTVPP PEELLDCELT IDQYLDPNL QKRY-PLALNR IAAQEVPIE KPVNPSPLSQ LQRMEPKQMF WVRARGYIGE GDMKMHCCVA AYISDYAFLG TALLPHQWQH KVHFMVSLDH SMWFHAPFRA DHWMLYECES PWAGGSRGLV HGRLWRQDGV LAVTCAQEGV IRVKPQVSES KL.
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 ACOT8 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT. 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**