

Acyl-CoA Thioesterase 8 Recombinant Protein | ACOT8 recombinant protein

Recombinant Human Acyl-CoA Thioesterase 8

CATALOG #
AAA39064

HOST
E Coli

PRODUCT SYNONYMS

Acyl-CoA Thioesterase 8; Recombinant Human Acyl-CoA Thioesterase 8; ACOT8 Human; Acyl-CoA Thioesterase 8 Human Recombinant; 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; Peroxisomal acyl-coenzyme A thioester hydrolase 1; Peroxisomal long-chain acyl-CoA thioesterase 1 Thioesterase II; ACTEIII; hACTEIII; ACOT8; ACOT8 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The ACOT8 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MSSPQAPEDG QGCGDRGDPP GDLRSVLVTT VLNLEPLDED LFRGRHYWVP AKRLFGGQIV GQALVAAKS VSEDVHVHSL HCYFVRAGDP KLPVLYQVER TRTGSSFSVR SVKAVQH GKP IFICQASFQQ AQPSPMQHQF SMPTVPPPEE LLDCE TLIDQ YLRDPNLQKR YPLALNRIAA QEVPIEIKPV NPSPLSQLQR MEPKQMFWR ARGYIGEGDM KMHCCVAAYI SDYAFLGTAL LPHQWQH KVVH FMVSLDHSMW FHAPFRADHW MLYECESPWA GGSRLGVHGR LWRQDGV LAV TCAQEGVIRV KPQVSESKL.
Sequence Length	319
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for ACOT8 recombinant protein	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.
Product Categories/Family for ACOT8 recombinant protein	Enzymes; Esterase

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577075
NCBI GeneID	10005
NCBI Accession #	NP_005460.2
NCBI GenBank Nucleotide #	NM_005469.3
UniProt Accession #	O14734; O15261; Q17RX4
NCBI Official Full Name	acyl-coenzyme A thioesterase 8
NCBI Official Synonym Full Names	acyl-CoA thioesterase 8
NCBI Official Symbol	ACOT8

NCBI Official Synonym Symbols	hTE; PTE1; PTE2; PTE-1; PTE-2; HNAACTE; hACTE-III
NCBI Protein Information	acyl-coenzyme A thioesterase 8; HIV-Nef associated acyl-CoA thioesterase; choloyl-CoA hydrolase; choloyl-coenzyme A thioesterase; long-chain fatty-acyl-CoA hydrolase; palmitoyl-CoA hydrolase; peroxisomal acyl-CoA thioesterase 1; peroxisomal acyl-coenzyme A thioester hydrolase 1; peroxisomal long-chain acyl-CoA thioesterase 1; thioesterase II; thioesterase III
UniProt Protein Name	Acyl-coenzyme A thioesterase 8
UniProt Gene Name	ACOT8
UniProt Synonym Gene Names	ACTEIII; PTE1; PTE2; Acyl-CoA thioesterase 8; PTE-1; hACTE-III; hACTEIII; hTE
UniProt Entry Name	ACOT8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/acot8-recombinant-protein-e-coli/39064>