

Recombinant Human ACOT6, His-tagged

Cat. No. ACOT6-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Putative Acyl-Coenzyme A Thioesterase 6/ACOT6 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met1-Ile207) of Human ACOT6 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-207 a.a.
Description	Putative Acyl-Coenzyme A Thioesterase 6 (ACOT6) is a member of the C/M/P thioester hydrolase family. It has been revealed by sequence analysis that ACOT6 consists of a putative peroxisomal targeting signal at the C-terminal end. Cellular localization experiments show that it serves as a peroxisomal enzyme. Otherwise, ACOT6 has been identified as a target gene of the peroxisome proliferator-activated receptor alpha (PPARα) and is up-regulated in mouse liver in a PPARα-dependent manner.
AA Sequence	MLQHPKVKGPSIALLGFSKGGDLCLSMASFLKGITATVLINACVANTVAPLHYKDMIIP K LVDD LGKVKITKSGFLT FMDTWSNP LEEHNNHQS LVPLEKAQVPFLFIVGMDDQSW KSEFY AQIASERL QAHGKERPQI ICYPETGHCIDPPYFPPSRASVHAVLGEAIFYGG EPKAHSA QVDAWQQIQ TFF HKHLNGKKS VKH SKIVDHHHHHH
Endotoxin	Less than 0.1

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ng/μg (1 IEU/μg).

Purity

Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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