

## Recombinant Human ACOT6, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-207 a.a.
<b>Description</b>	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 (PPAR $\alpha$ ) and is up-regulated in mouse liver in a PPAR $\alpha$ -dependent manner.
<b>AA Sequence</b>	MLQHPKVKGPSIALLGFSKGGDLCLSMASFLKGITATVLINACVANTVAPLHYKDMIIP K LVDD LGKVKITKSGFLT FMDTWSNPLEEHNHQLVPLEKAQVPFLFIVGMDDQSW KSEFY AQIASERL QAHGKERPQIICYPETGHCIDPPYFPPSRASVHAVLGEAIFYGG EPKAHSA QVDAWQQIQTFH HKHLNGKKS VKHSKIVDHHHHHH
<b>Endotoxin</b>	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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