

Product datasheet for **RC210550L2V**

Acyl coenzyme A Thioesterase 4 (ACOT4) (NM_152331) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Acyl coenzyme A Thioesterase 4 (ACOT4) (NM_152331) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Acyl coenzyme A Thioesterase 4
Synonyms:	PTE-1b; PTE1B; PTE2B
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_152331
ORF Size:	1263 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210550).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_152331.2
RefSeq Size:	1703 bp
RefSeq ORF:	1266 bp
Locus ID:	122970
UniProt ID:	Q8N9L9
Cytogenetics:	14q24.3
Protein Pathways:	Biosynthesis of unsaturated fatty acids



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MW: 46.1 kDa

Gene Summary: Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH (PubMed:16940157). ACOT4 is a peroxisomal succinyl-coenzyme A thioesterase can also hydrolyze glutaryl-CoA and long chain saturated acyl-CoAs (PubMed:16940157).[UniProtKB/Swiss-Prot Function]