

Product datasheet for **SC312372**

Acyl coenzyme A Thioesterase 8 (ACOT8) (AK056668) Human Untagged Clone

Product data:

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|------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Acyl coenzyme A Thioesterase 8 (ACOT8) (AK056668) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ACOT8 |
| Synonyms: | hACTE-III; HNAACTE; hTE; NAP1; PTE-1; PTE-2; PTE1; PTE2 |
| Vector: | <u>pCMV6 series</u> |
| Fully Sequenced ORF: | >NCBI ORF sequence for AK056668, the custom clone sequence may differ by one or more nucleotides |
| Restriction Sites: | Please inquire |
| ACCN: | AK056668 |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | <u>AK056668.1</u> , <u>BAG51780.1</u> |
| RefSeq Size: | 2806 bp |



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RefSeq ORF: 567 bp

Locus ID: 10005

Cytogenetics: 20q13.12

Gene Summary: The protein encoded by this gene is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. [provided by RefSeq, Oct 2010]