

# Recombinant Full Length Human ACOT6 Protein, GST-tagged

**Cat. No.** ACOT6-786HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ACOT6 full-length ORF ( ADR82840.1, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                             |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 207 amino acids                                                                                                                                                                                                                                                   |
| <b>Description</b>      | ACOT6 (Acyl-CoA Thioesterase 6) is a Protein Coding gene. Among its related pathways are Metabolism and Fatty Acyl-CoA Biosynthesis. GO annotations related to this gene include carboxylic ester hydrolase activity. An important paralog of this gene is ACOT2. |
| <b>Molecular Mass</b>   | 22.8 kDa                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MLQHPKVKGP SIALLGFSKG GDLCLSMASF LKGITATVLI NACVANTVAP<br>LHYKDMIIPK LVDDLGVKI TKSGFLTMD TWSNPLEEHN HQSLVPLEKA<br>QVPFLFIVGM DDQSWKSEFY AQIASERLQA HGKERPQIIC YPETGHCIDP<br>PYFPPSRASV HAVLGAEIFY GGEPKAHSA QVDAWQQIQT FFHKHLNGKK<br>SVKHSKI                      |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                  |

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## Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ACOT6 acyl-CoA thioesterase 6 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | ACOT6                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | ACOT6; acyl-CoA thioesterase 6; Acyl-CoA Thioesterase 6; Putative Acyl-CoA Thioesterase 6; C14orf42; Putative Acyl-Coenzyme A Thioesterase 6; Chromosome 14 Open Reading Frame 42; EC 3.1.2.2; EC 3.1.2.-; C14_5530; C14orf42; c14_5530; putative acyl-coenzyme A thioesterase 6; putative acyl-CoA thioesterase 6 |
| <b>Gene ID</b>         | 641372                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_001037162                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_001032239                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 614267                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q3I5F7                                                                                                                                                                                                                                                                                                             |

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