

## Recombinant Mouse Acot8, His-tagged

**Cat. No.** Acot8-3140M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Acyl-coenzyme A thioesterase 8 (Acot8)                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 320                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                               |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>            | Small volumes of Acot8 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                       |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                    |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Acot8 acyl-CoA thioesterase 8 [ Mus musculus ]</a>                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | Acot8                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | ACOT8; acyl-CoA thioesterase 8; acyl-coenzyme A thioesterase 8; PTE-1; choloyl-coenzyme A thioesterase; peroxisomal acyl-CoA thioesterase 1; peroxisomal acyl-CoA thioesterase 2; peroxisomal long-chain acyl-CoA thioesterase 1; peroxisomal acyl-coenzyme A thioester hydrolase 1; Pte1; PTE-2; |
| <b>Gene ID</b>         | <a href="#">170789</a>                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_133240</a>                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_573503</a>                                                                                                                                                                                                                                                                         |
| <b>Pathway</b>         | Beta-oxidation of pristanoyl-CoA, organism-specific biosystem; Beta-oxidation of very long chain fatty acids, organism-specific biosystem; Bile acid and bile salt metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Me                                   |
| <b>Function</b>        | acyl-CoA hydrolase activity; carboxylesterase activity; choloyl-CoA hydrolase activity; hydrolase activity;                                                                                                                                                                                       |

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