

## Recombinant Mouse Acad11 Protein, MYC/DDK-tagged

**Cat. No.** Acad11-217M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse acyl-Coenzyme A dehydrogenase family, member 11 (Acad11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                 |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Acyl-CoA dehydrogenase, that exhibits maximal activity towards saturated C22-CoA. Probably participates in beta-oxidation and energy production but could also play a role in the metabolism of specific fatty acids to control fatty acids composition of cellular lipids in brain. |
| <b>Molecular Mass</b>   | 87.3 kDa                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | >80%, as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                          |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                        |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                       |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                |

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## GENE INFORMATION

|                 |                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Acad11 acyl-Coenzyme A dehydrogenase family, member 11 [ Mus musculus (house mouse) ]                                     |
| Official Symbol | Acad11                                                                                                                    |
| Synonyms        | Acad11; acyl-Coenzyme A dehydrogenase family, member 11; AI987948; 5730439E10Rik; acyl-CoA dehydrogenase family member 11 |
| Gene ID         | 102632                                                                                                                    |
| mRNA Refseq     | NM_175324                                                                                                                 |
| Protein Refseq  | NP_780533                                                                                                                 |
| UniProt ID      | Q80XL6                                                                                                                    |

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