

Recombinant Mouse Acot9 Protein, Myc/DDK-tagged

Cat. No. Acot9-1501M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length acyl-CoA thioesterase 9 (Acot9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Active on long chain acyl-CoAs.
Molecular Mass	50.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Acot9 acyl-CoA thioesterase 9 [Mus musculus (house mouse)]
Official Symbol	Acot9
Synonyms	ACOT9; acyl-CoA thioesterase 9; acyl-coenzyme A thioesterase 9, mitochondrial; MTE-2; mt-ACT48.1; protein U8; acyl-CoA thioester hydrolase 9; mitochondrial acyl-CoA thioesterase; acyl coenzyme A thioester hydrolase 2; acyl-Coenzyme A thioesterase 2, mitochondrial; mitochondrial 48 kDa acyl-CoA thioester hydrolase 1; U8; p48; Acate2; C76421; MT-ACT48; 0610041P13Rik
Gene ID	56360
mRNA Refseq	NM_019736
Protein Refseq	NP_062710
UniProt ID	Q9R0X4

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