

## Recombinant Mouse Amacr Protein, Myc/DDK-tagged

Cat. No. Amacr-1607M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length alpha-methylacyl-CoA racemase (cDNA clone MGC:13903 IMAGE:3980103), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Racemization of 2-methyl-branched fatty acid CoA esters. Responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers.
<b>Molecular Mass</b>	39.6 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 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Amacr alpha-methylacyl-CoA racemase [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Amacr</a>
<b>Synonyms</b>	Amacr; alpha-methylacyl-CoA racemase; Mac; Macr1; alpha-methylacyl-CoA racemase; 2-arylpropionyl-CoA epimerase; 2-methylacyl-CoA racemase; alpha-methylacyl-Coenzyme A racemase; EC 5.1.99.4
<b>Gene ID</b>	<a href="#">17117</a>
<b>mRNA Refseq</b>	<a href="#">NM_008537</a>
<b>Protein Refseq</b>	<a href="#">NP_032563</a>
<b>UniProt ID</b>	<a href="#">O09174</a>

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