

Recombinant Mouse Amacr Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	39.6 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.

GENE INFORMATION

 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 Name	Amacr alpha-methylacyl-CoA racemase [Mus musculus (house mouse)]
Official Symbol	Amacr
Synonyms	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
Gene ID	17117
mRNA Refseq	NM_008537
Protein Refseq	NP_032563
UniProt ID	O09174

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