

Recombinant Rat Amacr protein

Cat. No. Amacr-5160R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Amacr protein(P70473)(2-382 aa) was expressed in Yeast.
Species	Rat
Source	Yeast
ProteinLength	2-382 aa
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	ALRGVRVLE LAGLAPGPFC GMILADFGAE VVLVDRLGSV NHPSHLARGK RSLALDLKRS PGA AVLRRMC ARADV LLEPF RCGVMEKLQL GPETLRQDNP KLIYARLSGF GQSGIFSKVA GHDINYVALS GVLSKIGRSG ENPYPLNLL ADFGGGGLMC TLGILLALFE RTRSGLGQVI DANMVEGTAY LSTFLWKTQA MGLWAQPRGQ NLLDGGAPFY TTYKTADGEF MAVGAIEPQF YTLLLKGLGL ESEELPSQMS IEDWPEMKKK FADV FARKTK AEWCQIFDGT DACVTPVLTL EEALHHQHNR ERGSFITDEE QHACPRPAPQ LSRTPAVPSA KRDP SVGEHT VEVLKDYGFS QEEIHLHSD RIIESNKLKA NL
Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

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contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	Amacr alpha-methylacyl-CoA racemase [Rattus norvegicus]
Official Symbol	Amacr
Synonyms	AMACR; alpha-methylacyl-CoA racemase; 2-methylacyl-CoA racemase; 2-arylpropionyl-CoA epimerase; Methylacyl-CoA racemase alpha; Da1-8; Marc1;
Gene ID	25284
mRNA Refseq	NM_012816
Protein Refseq	NP_036948

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