Recombinant Rat Amacr protein, Avi-tagged, Biotinylated

Cat. No. Amacr-5162R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Rat Amacr protein(P70473)(2-382 aa), fused with Avi tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	2-382 aa
Conjugation/Label	Biotin
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	ALRGVRVLE LAGLAPGPFC GMILADFGAE VVLVDRLGSV NHPSHLARGK RSLALDLKRS PGAAVLRRMC ARADVLLEPF RCGVMEKLQL GPETLRQDNP KLIYARLSGF GQSGIFSKVA GHDINYVALS GVLSKIGRSG ENPYPPLNLL ADFGGGGLMC TLGILLALFE RTRSGLGQVI DANMVEGTAY LSTFLWKTQA MGLWAQPRGQ NLLDGGAPFY TTYKTADGEF MAVGAIEPQF YTLLLKGLGL ESEELPSQMS IEDWPEMKKK FADVFARKTK AEWCQIFDGT DACVTPVLTL EEALHHQHNR ERGSFITDEE QHACPRPAPQ LSRTPAVPSA KRDPSVGEHT VEVLKDYGFS QEEIHQLHSD RIIESNKLKA NL
Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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	repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the 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.
Conjugation	Biotin

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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