# Recombinant Rat Amacr protein

**Cat. No.** Amacr-5164R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rat Amacr protein(P70473)(2-382 aa) was expressed in Mammalian cells. |
| **Species** | Rat |
| **Source** | Mammalian cells |
| **ProteinLength** | 2-382 aa |
| **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 repeated freeze-thaw cycles. |

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| **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. |

## GENE INFORMATION

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| **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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