

## Recombinant Rat Amacr protein

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

### SPECIFICATION

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