

# Recombinant Full Length Mouse Membrane Primary Amine Oxidase(Aoc3) Protein, His-Tagged

**Cat. No.** RFL-9335MF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Membrane primary amine oxidase(Aoc3) Protein (O70423) (2-765aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mus musculus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (2-765)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>TQKTTLVLLALAVITIFALVCVLLAGRSGDGGGLSQPLHCPSVLPSVQPRTHPSQSQP  FADLSPEELTAVMSFLT KHLG PGLVDAAQARPSDNCVFSVELQLPAKAAALAHLD RG  GPPPVREALAIIFFGGQPKPNVSELVVGPLPHPSYMRDVTVERHGGPLPYRRPVLD  REYQDIEEMIFHREL PQASGLLHHCCFYKHQQNLLTMTTAPRGLQSGDRATWFGL  YYNLSGAGFYPHPIGLELLIDHKALDPALWTIQKVFYQGRYYESLTQLEDQFEAGLVN  VVLVPNNGTGGSSWSLKSSVPPGPAPPLQFHPQGPRFSVQGSQVSSSLWAFSFG LG  AFSGPRIFDIRFQGERVAYEISVQEAIALYGGNSPASMSTCYVDGSFGIGKYSTPLIR  GVDCPYLATYVDWHFLLESQAPKTLRDAFCVFEQNQGLPLRRHHSDFYSHYFGGV  VGTVLVRSVSTLLNYDYIWDMMVFHPNGAIEVKFHATGYISSAFFFGAGEKFGNRVG  AHTLGTVHTSAHFKVDLDVAGLKNWAWAEDMAFVPTIVPWQPEYQMQRQLQVTRK  LLETEEEAAFPLGGATPRYL YLASNHSNKWGHRRGYRIQILSFAGKPLPQESPIEKAF  TWGRYHLAVTQRKEEEPSSSSIFNQNDPWTPTVNFTDFISNETIAGEDLVAVVTAGF</p>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LHIPHAEDIPNTVTAGNSVGFLLRPYNFFDEDPFSFHSADSIYFREGQDATAACEVNPLA  
CLSQTATCAPEIPAFSHGGFAYRDN

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** Aoc3

**Synonyms** Aoc3; Vap1; Membrane primary amine oxidase; Copper amine oxidase; Semicarbazide-sensitive amine oxidase; SSAO; Vascular adhesion protein 1; VAP-1

**UniProt ID** [O70423](https://www.uniprot.org/entry/O70423)

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