



Recombinant Mouse Membrane primary amine oxidase (Aoc3), partial

Product Code	CSB-EP001855MO1-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O70423
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	RSGDGGGLSQPLHCPSVLPSVQPRTHPSQSQPFADLSPEELTAVMSFLT KHL G PGLVDAA QARPSDNCVFSVELQLPAKAAALAHLD RGGPPP VREALAIIFFGGQPKPNVSE L VVGPLP HPSYMRDVTVERHGGPLPYRRPVLDREYQDIEEMIFHRELPQASGLLHHCC F YKHQGQN LLTMTTAPRGLQSGDRATWFGLYYNLSGAGFYPHPIGLELLIDHKALDPALWTI Q KVFYQ GRYYESLTQLEDQFEAGLVNVVLVPNNGTGGSWSLKSSVPPGPAPPLQFHPQ G PRFSVQG SQVSSSLWAFSFG LGAFSGPRIFDIRFQGERVAYEISVQEAIALYGGNSPASMS T CYVDG SFGIGKYSTPLIRGVDCPYLATYVDWHFLLESQAPKTLRDAFCVFEQNQGLPL R RHHSDF YSHYFGGVVGTVLVVRVSVSTLLNYDYIWDMMV FHPNGAIEVKFHATGYISSAFF G AGEKF GNRVGAHTLGTVHTHSAHFKVDLDVAGLKNWAWAEDMAFVPTIVPWQPEYQ M QRLQVTRK LLETEEEAAFPLGGATPRYLYLASNHSNKWGHRRGYRIQILSFAGKPLPQESPI E KAFTW GRYHLAVTQRKEEEPSSSSIFNQNDPWTPTVNFTDFISNETIAGEDLVAVVTA G FLHIPH AEDIPNTVTAGNSVGFFLRPYNFFDEDPSFHSADSIYFREGQDATAACEVNPLA C LSQTAT CAPEIPAFSHGGFAYRDN
Source	E.coli
Target Names	Aoc3
Protein Names	Recommended name: Membrane primary amine oxidase EC= 1.4.3.21 Alternative name(s): Copper amine oxidase Semicarbazide-sensitive amine oxidase Short name= SSAO Vascular adhesion protein 1 Short name= VAP-1
Expression Region	28-765
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The product is a major protein on the adipocyte plasma membrane. It has adhesive properties and also has functional monoamine oxidase activity. A pseudogene for this gene has been described and is located approximately 9-kb downstream.
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.