



# Recombinant Human Membrane primary amine oxidase (AOC3), partial

<b>Product Code</b>	CSB-BP624122HU1
<b>Abbreviation</b>	AOC3
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q16853
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GRGGDGGEPSQLPHCPSVSPSAQPWTHPGQSQLFADLSREELTAVMRFLTQ RLGPGLVDA AQARPSDNCVFSVELQLPPKAAALAHLDRGSPPPAREALAIVFFGRQPQPNVS ELVVGPL PHPSYMRDVTVERHGGPLPYHRRPVLFQEYLDIDQMIFNRELPQASGLLHHC CFYKHRGR NLVTMTTAPRGLQSGDRATWFGLYYNISGAGFFLHHVGLLELLVNHKALDPA WTIQKVFY QGRYYDSLAAQLEAQFEAGLVNVVLIIPDNGTGGSWSLKSPVPPGPAPPLQFYF QGPRFSVQ GSRVASSLWTFSGFLGAFSGPRIFDVRFQGERLVYEISLQEALAIYGGNSPAA MTRYVD GGFGMGKYTTPLTRGVDCPYLATYVDWHFLLESQAPKTIRDAFCVFEQNQGL PLRRHSD LYSHYFGGLAETVLVVRSMSTLLNYDYVWDTVFHPSGAIEIRFYATGYISSAFL FGATGK YGNQVSEHTLGTVHTSAHFKVDLDVAGLENWVWAEDMVFPMAVPWSPEH QLQRLQVTR KLEEMEEQAFLVGSATPRYLILASNHSNKWGHPRGYRIQMLSFAGEPLPQN SSMARGFS WERYQLAVTQRKEEEPSSSSVFNQNDPWAPTVDVDFSDFINNETIAGKDLVAWV TAGFLHIP HAEDIPNTVTVGNGVGFLLRPYNFFDEDPSFYSDSIYFRGDQDAGACEVNPL ACLPQAA ACAPDLPAFSGGGFSHN
<b>Source</b>	Baculovirus
<b>Target Names</b>	AOC3
<b>Protein Names</b>	Recommended name: Membrane primary amine oxidase EC= 1.4.3.21 Alternative name(s): Copper amine oxidase HPAO Semicarbazide- sensitive amine oxidase Short name= SSAO Vascular adhesion protein 1 Short



name= VAP-1

<b>Expression Region</b>	27-763
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.