

Specifications:

Gene:	mAoc3
Accession:	NP_033805
Insert size:	2311bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

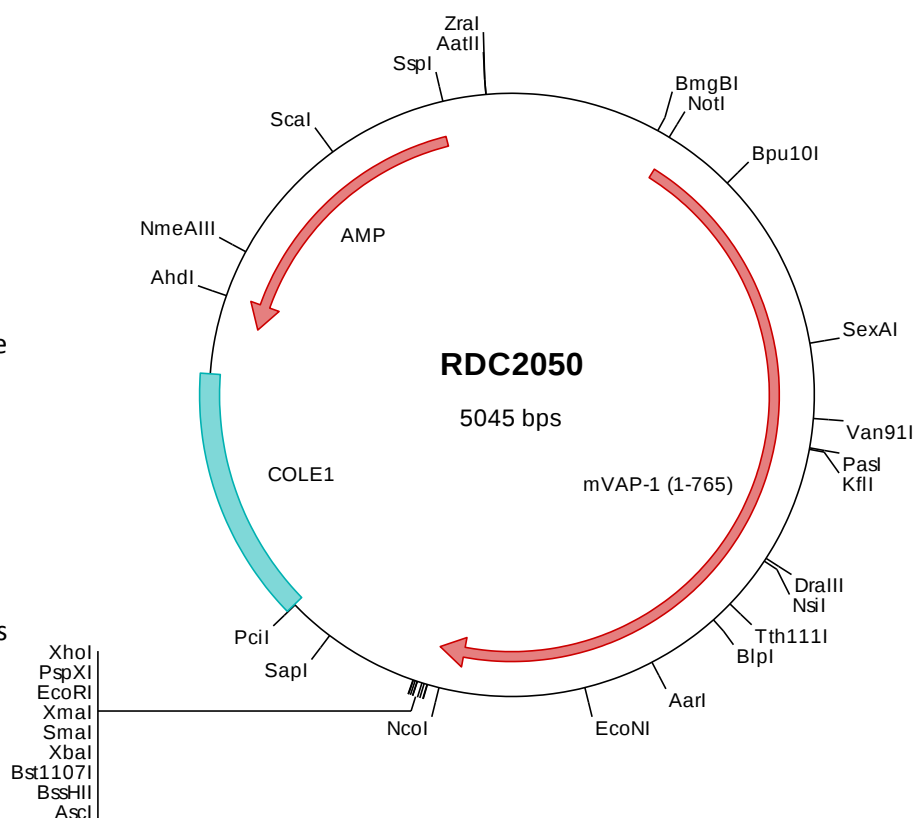
**mVAP-1 cDNA
Plasmid**

Aoc3 amine oxidase, copper containing 3 [*Mus musculus* (house mouse)]

Also known as: SSAO; VAP1

Summary:

VAP1 is a member of the semicarbazide-sensitive amine oxidase family. It is a copper amine oxidase that catalyzes the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. It is localized to the cell surface, has adhesive properties as well as monoamine oxidase activity, and may be involved in leukocyte trafficking. Alterations in levels of VAP1 may be associated with many diseases, including diabetes mellitus.



> RDC2050 Plasmid DNA Sequence

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> RDC2050 Translated Insert Sequence

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