

Product Information

MemDX™ Membrane Protein Human AOC3 (Amine oxidase copper containing 3 expressed in CHO) without tag for Antibody Discovery

Cat. No.: **MP1190J**

This product is for research use only and is not intended for diagnostic use.

This product is a 82 kDa Human AOC3 membrane protein expressed in CHO. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

AOC3

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

82 kDa

TMD

1

Sequence

GRGGDGGEPSQLPHCPSPSAQPWTHPGSQLFADLSREELTAVMRFLTQRLGPGGLVDAAQARPSDNCVFSVELQLPPKAAAL

Product Description

Expression Systems

CHO

Tag

Tag Free

Form

Liquid

Endotoxin

< 1 EU/μg

Purity

>95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

20mM phosphate buffer, 100mM NaCl, pH 7.2

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

AOC3

Full Name

Amine oxidase copper containing 3

Introduction

This gene encodes a member of the semicarbazide-sensitive amine oxidase family. Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The encoded protein 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 the encoded protein may be associated with many diseases, including diabetes mellitus. A pseudogene of this gene has been described and is located approximately 9-kb downstream on the same chromosome. Alternative splicing results in multiple transcript variants.

Alternative Names

HPAO; SSAO; VAP1; VAP-1

Gene ID

[8639](#)

UniProt ID

[Q16853](#)