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Product Information

MemDX™ Membrane Protein Human AGMO (Alkylglycerol monooxygenase) Full Length

Cat. No.: **MPC3573K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human AGMO membrane protein expressed in HEK293. 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
AGMO

Protein Length
Full length

Protein Class
Oxidoreductase

TMD
5

Sequence
MKNPEAQQDVSVSQGFRMLFYTMKPSETSFQTLEEVPDYVKKATPFFISL
MLLELVVSWILKGKPPGRLDDALTSISAGVLSRLPSLFFRSIELTSYIYI
WENYRLFNLPWDSPWTWYSAFLGVDFGYYWFHRMAHEVNIMWAGHQTHHS
SEDYNLSTALRQSVLQIYTSWIFYSPLALFIPPSVYAVHLQFNLLYQFWI
HTEVINNLGPLELILNTPSHHRVHHGRNRYCIDKNYAGVLIIWDKIFGTF
EAENEKVVYGLTHPINTFEPIKVQFHHLFSIWTTFWATPGFFNKFSVIFK
GPGWGPGKPRLGLSEEIPEVTGKEVPFSSSSSQLLKIYTVVQFALMLAFY
EETFADTAALSQVTLLLRVCFIILTLTSIGFLLDQRPKAAIMETLRCLMF
LMLYRFGHLKPLVPSLSSAFEIVFSICIAFWGVRSMKQLTSHPWK

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format
Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

AGMO

Full Name

Alkylglycerol monooxygenase

Introduction

The protein encoded by this gene is a tetrahydrobiopterin- and iron-dependent enzyme that cleaves the ether bond of alkylglycerols. Sequence comparisons distinguish this protein as forming a third, distinct class of tetrahydrobiopterin-dependent enzymes. Variations in this gene have been associated with decreased glucose-stimulated insulin response, type 2 diabetes, and susceptibility to intracranial aneurysms.

Alternative Names

AGMO; TMEM195; glyceryl-ether monooxygenase; transmembrane protein 195; Alkylglycerol monooxygenase

Gene ID

392636

UniProt ID

Q6ZNB7

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