

Product Information

MemDX™ Membrane Protein Human MOGAT3 (Monoacylglycerol O-acyltransferase 3) Full Length

Cat. No.: **MPC3779K**

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

This product is a made-to-order Human MOGAT3 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

MOGAT3

Protein Length

Full length

Protein Class

Transferase

TMD

3

Sequence

MGVATTLPPTTSKTLQKQHLEAVGAYQYVLTFLFMGPFFSLLVFVLLFT
SLWPFSVFYLVWLYVDWDTPNQGGRRSEWIRNRAIWRQLRDYYPVKLVKT
AELPPDRNYVLGAHPHGIMCTGFLCNFSTESNGFSQLFPGLRPWLAVLAG
LFYLPVYRDYIMSFGLCPVSRQSLDFILSQPQLGQAVVIMVGGAEALYS
VPGEHCLTLQKRKGFVRLALRHGASLVPVYSFGENDIFRLKAFATGSWQH
WCQLTFKKLMGFSPCIFWGRGLFSATSWGLLPFAVPITTVVGRPIPVQR
LHPTEEEVNHYHALYMTALEQLFEEHKESCGVPASTCLTFI

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**

MOGAT3

Full Name

Monoacylglycerol O-acyltransferase 3

Introduction

Acyl-CoA:monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA.

Alternative Names

MOGAT3; DC7; MGAT3; DGAT2L2; 2-acylglycerol O-acyltransferase 3; acyl coenzyme A:monoacylglycerol acyltransferase 3; acyl-CoA:monoacylglycerol acyltransferase 3; diacylglycerol O-acyltransferase candidate 7; diacylglycerol acyltransferase 2-like protein 7; Monoacylglycerol O-acyltransferase 3

Gene ID

[346606](#)

UniProt ID

[Q86VF5](#)