

Product Information

MemDX™ Membrane Protein Human LPCAT3 (Lysophosphatidylcholine acyltransferase 3)

Full Length

Cat. No.: **MPC4337K**

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

This product is a made-to-order Human LPCAT3 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

LPCAT3

Protein Length

Full length

Protein Class

Transferase

TMD

9

Sequence

MASSAEGDEGTVVALAGVLQSGFQELSLNKLATSLGASEQALRLIISIFL
GYPFALFYRHYLFYKETYLIHLFHTFTGLSIAYFNFGNQLYHSLLCIVLQ
FLILRLMGRTITAVLTTFCFQMAYLLAGYYTATGNVDIKWTMPHCVLT
KLIGLAVDYFDGGKDQNSLSSEQQKYAIRGVPSLLEVAGFSYFYGAFLVG
PQFSMNHYMKLVQGELIDIPGKIPNSIIPALKRSLGLFYLVGYTLLSPH
ITEDYLLTEDYDNHPFWFRMYMLIWGKFVLYKYVTCWLVTEGVCILTGL
GFNGFEEKGKAKWDACANMKVWLFETNPRFTGTIASFNINTNAWVARYIF
KRLKFLGNKELSQGLSLLFLALWHGLHSGYLVCFQMEFLIVIVERQAARL
IQESPTLSKLAITVLQPFYYLVQQTIIHWLFMGYSMTAFCLFTWDKWLKV
YKSIYFLGHIFL SLLFILPYIHKAMVPRKEKLKKME

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**

LPCAT3

Full Name

Lysophosphatidylcholine acyltransferase 3

Alternative Names

LPCAT3; C3F; LPCAT; LPSAT; OACT5; nussy; MBOAT5; LPLAT 5; 1-acylglycerophosphocholine O-acyltransferase; 1-acylglycerophosphoethanolamine O-acyltransferase; 1-acylglycerophosphoserine O-acyltransferase; O-acyltransferase (membrane bound) domain containing 5; O-acyltransferase domain-containing protein 5; lyso-PC acyltransferase 3; lyso-PS acyltransferase; lysophosphatidylserine acyltransferase; membrane bound O-acyltransferase domain containing 5; membrane-bound O-acyltransferase domain-containing protein 5; putative protein similar to nussy; Lysophosphatidylcholine acyltransferase 3

Gene ID

[10162](#)

UniProt ID

[Q6P1A2](#)