

Product Information

MemDX™ Membrane Protein Human PLAAT4 (Phospholipase A and acyltransferase 4) Full Length

Cat. No.: **MPC4681K**

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

This product is a made-to-order Human PLAAT4 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

PLAAT4

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MASPHQEPKPGDLIEIFRLGYEHWALYIGDGYVIHLAPPSEYPGAGSSSV
FSVLSNSAEVKRERLEDVVGCCYRVNNSLDHEYQPRPVEVISSAKEMV
GQKMKYSIVSRNCEHFVTQLRYGKSRCKQVEKAKVEVGVATALGILVVAG
CSFAIRRYQKKATA

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**

PLAAT4

Full Name

Phospholipase A and acyltransferase 4

Introduction

Retinoids exert biologic effects such as potent growth inhibitory and cell differentiation activities and are used in the treatment of hyperproliferative dermatological diseases. These effects are mediated by specific nuclear receptor proteins that are members of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. RARRES1, RARRES2, and RARRES3 are genes whose expression is upregulated by the synthetic retinoid tazarotene. RARRES3 is thought act as a tumor suppressor or growth regulator.

Alternative Names

PLAAT4; RIG1; TIG3; HRSL4; HRASLS4; PLAAT-4; RARRES3; PLA1/2-3; HRAS-like suppressor 4; RAR-responsive protein TIG3; phospholipase A/acyltransferase-4; retinoic acid receptor responder (tazarotene induced) 3; retinoic acid receptor responder 3; retinoic acid receptor responder protein 3; retinoic acid-inducible gene 1; retinoid-inducible gene 1 protein; tazarotene-induced gene 3 protein; Phospholipase A and acyltransferase 4

Gene ID

[5920](#)

UniProt ID

[Q9UL19](#)