

Product Information

MemDX™ Membrane Protein Human CERS5 (Ceramide synthase 5) Full Length

Cat. No.: **MPC4155K**

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

This product is a made-to-order Human CERS5 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

CERS5

Protein Length

Full length

Protein Class

Transferase

TMD

6

Sequence

MATAAQGPLSLLWGWLWSERFWLPENVSWADLEGPADGYGYPRGRHILSV
FPLAAGIFFVRLLEFERFIKPCALCIGIEDSGPYQAQPNAILEKVFISIT
KYPDKKRLEGLSKQLDWNVRKIQCWFRHRRNQDKPPTLTKFCESMWRFTF
YLCIFCYGIRFLWSSPWFWDIRQCWHNYPFQPLSSGLYHYYIMELAFYWS
LMFSQFTDIKRKDFLIMFVHHLVTIGLISFSYINNMRVGTLMCLHDVS
DFLLEAAKLANYAKYQRLCDTLFVIFSAVFMVTRLGIYPFWILNTTLFES
WEIIGPYASWWLLNGLLLTLQLLHVIWSYLIARIALKALIRGKVS KDDRS
DVESSSEEDVTTCTKSPCDSSSSNGANRVNGHMGGSYWAE

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**

CERS5

Full Name

Ceramide synthase 5

Introduction

This gene encodes a protein that belongs to the TLC (TRAM, LAG1 and CLN8 homology domains) family of proteins. The encoded protein functions in the synthesis of ceramide, a lipid molecule that is involved in a several cellular signaling pathways. Alternate splicing results in multiple transcript variants.

Alternative Names

CERS5; Trh4; LASS5; LAG1 homolog, ceramide synthase 5; LAG1 longevity assurance homolog 5; TRAM homolog 4; sphingosine N-acyltransferase CERS5; Ceramide synthase 5

Gene ID

[91012](#)

UniProt ID

[Q8N5B7](#)