

Product Information

MemDX™ Membrane Protein Human CERS4 (Ceramide synthase 4) for Antibody Discovery

Cat. No.: **MP1035J**

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

This product is a 46.2 kDa Human CERS4 membrane protein expressed in HEK293T. 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

CERS4

Protein Length

Full-length

Protein Class

Transcription Factors, Transmembrane

Molecular Weight

46.2 kDa

TMD

6

Sequence

MLSSFNEWFWQDRFWLPPNVTWTELEDRDGRVYPHPQDLLAALPLALVLLAMRLAFLERFIGLPLSRWLGV
RDQTRRQVKPNATLEKHFLTEGHRPKEPQLSLLAACGGLTLQQTQRWFRRRNQDRPQLTKFCEASWRF
LFYLSFFVGGLSVLYHESWLWAPVMCWDRYPNQTLKPSLYWWYLLLELGFYLSLLIRLPFDVKRKDFKEQV
IHHFVAVILMTFSYSANLLRIGSLVLLHDSSDYLLEACKMVNYMQYQQVCDALFLIFSFFYTRLVLF
PTQILYTTYYYESISNRGPFFGYYFFNGLLMQLLHVFWSCILRMLYSFMKKGQMEKDIRSDVVEESDSS
EVAAAQEPLQLKNGAAGGPRPAPTDGPQSRVAGRLTNRHTTAT

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CERS4

Full Name

Ceramide synthase 4

Introduction

Ceramide synthase that catalyzes formation of ceramide from sphinganine and acyl-CoA substrates, with high selectivity toward long and very-long chains (C18:0-C22:0) as acyl donor.

Alternative Names

LASS4; Trh1

Gene ID

[79603](#)

UniProt ID

[Q9HA82](#)