

# 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

MLSSFNEWFWQDRFWLPPNVTWTELEDRDGRVYPHPQDLLAALPLALVLLAMRLAFERFIGLPLSRWLGV  
RDQTRRQVKPNATLEKHFLTEGHRPKEPQLSLLAAQCGLTLQQTQRWFRRRRNQDRPQLTKKFCEASWRF  
LFYLSSFVGGLSVLYHESWLWAPVMCWDYRPNQTLKPSLYWWYLLELGFYLSLLIRLPFDVKKRDFKEQV  
IHHFVAVILMTFSYSANLLRIGSLVLLLHDSSDYLLLEACKMVNYMQYQQVCDALFLIFSFFVYTRLVLF  
PTQILYTTYYESISNRGPFFGYFFNGLLMLLQLLHVFWSCILRMLYSFMKKGQMEKDIRSDVEESDSS  
EEVAAAQEPLQLKNGAAGGPRPAPTDGPQSRVAGRLTNRHTTAT

### 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](#)