

# Product Information

## MemDX™ Membrane Protein Human CALHM1 (Calcium homeostasis modulator 1) Full

### Length

Cat. No.: **MPC0444K**

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

This product is a 38.2 kDa Human CALHM1 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

CALHM1

#### Protein Length

Full length

#### Protein Class

Transporter; Ion channel

#### Molecular Weight

38.2 kDa

#### TMD

4

#### Sequence

MMDKFRMIFQFLQSNQESFMNGICGIMALASQMYSAFDNFNCPLPGYNA  
AYSAGILLAPPLVLFLLGLVMNNVSMLEEWKRPLGRRAKDPAVLRMYF  
CSMAQRALIAPVVWVAVTLLDGKCFCACTAVPVVSALGNGSLAPGLPAP  
ELARLLARVPCPEIYDGDWLLAREVAVRYLRISQALGWSFVLLTTLLAF  
VVRSVRPCFTQAAFLKSKYWSHYIDIERKLFDETC TEHAKAFKVCIQQF  
FEAMNHDLELGHTHGTLATAPASAAAPTTPDGAEEEREKLRGITDQGTMM  
RLLTSWHKCKPPLRLGQEEPPLMNGWAGGGPRPPRKEVATYFSKV

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

CALHM1

**Full Name**

Calcium homeostasis modulator 1

**Introduction**

This gene encodes a calcium channel that plays a role in processing of amyloid-beta precursor protein. A polymorphism at this locus has been reported to be associated with susceptibility to late-onset Alzheimer's disease in some populations, but the pathogenicity of this polymorphism is unclear.

**Alternative Names**

FAM26C; calcium homeostasis modulator protein 1; family with sequence similarity 26, member C; CALHM1; Calcium homeostasis modulator 1

**Gene ID**

[255022](#)

**UniProt ID**

[Q8IU99](#)