

## Product Information

### MemDX™ Membrane Protein Human TMEM38B (Transmembrane protein 38B) Full Length

Cat. No.: **MPC1449K**

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

This product is a 32.5 kDa Human TMEM38B 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

TMEM38B

##### Protein Length

Full length

##### Protein Class

Transporter; Ion channel

##### Molecular Weight

32.5 kDa

##### TMD

7

##### Sequence

MDSPWDELALAFSRTSMFPFFDIAHYLVSVMAVKRQPGAAALAWKNPISS  
WFTAMLHCFGGGILSCLLLAEPPLKFLANHTNILLASSIWYITFFCPHDL  
VSQGYSLPVQLLASGMKEVTRTRWKIVGGVTHANSYYKNGWIVMIAIGWA  
RGAGGTITNFERLVKGDWKPEGDEWLKMSYPAKVTLGGSVIFTFQHTQH  
LAISKHNLMLFYTIFIVATKITMMTTQTSTMTFAPFEDTLWMLFGWQQP  
FSSCEKKSEAKSPSNGVGLASKPVDVASDNVKKKHTKNE

#### 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**

TMEM38B

**Full Name**

Transmembrane protein 38B

**Introduction**

This gene encodes an intracellular monovalent cation channel that functions in maintenance of intracellular calcium release. Mutations in this gene may be associated with autosomal recessive osteogenesis.

**Alternative Names**

TMEM38B; OI14; TRICB; TRIC-B; C9orf87; D4Erd89e; bA219P18.1; trimeric intracellular cation channel type B; Transmembrane protein 38B

**Gene ID**

[55151](#)

**UniProt ID**

[Q9NVV0](#)