

# Product Information

## MemDX™ Antibody Discovery - Human BCMA / TNFRSF17 (1-54) Membrane Protein, Partial, -His tag, [FITC]

Cat. No.: **MP0983F**

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

This membrane protein is Human BCMA / TNFRSF17 (1-54). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### Host Species

Human

#### Target Protein

BCMA / TNFRSF17

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 7.8 kDa. The protein migrates as 10 kDa and 14-16 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### Sequence

AA Met 1 - Ala 54 (Accession # Q02223-1).

### Product Description

#### Application

SDS-PAGE

#### Expression Systems

HEK293

#### Tag

His tag at the C-terminus

#### Protein Format

Soluble

#### Form

LYOPH

#### Reconstitution

Please see Certificate of Analysis for specific instructions.

**Endotoxin**

<1.0 EU/µg by the LAL method

**Conjugation**

FITC

**Purity**

>90% as determined by SDS-PAGE.

**Buffer**

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

**Storage**

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

**Target**

**Target Protein**

BCMA / TNFRSF17

**Full Name**

TNF receptor superfamily member 17

**Introduction**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.

**Alternative Names**

BCM; BCMA; CD269; TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein

**Gene ID**

[608](#)

**UniProt ID**

[Q02223](#)