

# Product Information

## **MemDX™ Antibody Discovery - Human BTN3A2 (30-248) Membrane Protein, Partial, -His - Avi tag, [Biotin]**

Cat. No.: **MP1059F**

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

This membrane protein is Human BTN3A2 (30-248). 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**

BTN3A2

#### **Protein Length**

ECD

#### **Molecular Weight**

The protein has a calculated MW of 27.3 kDa. The protein migrates as 30-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### **Sequence**

AA Gln 30 - Trp 248 (Accession # P78410-1).

### Product Description

#### **Application**

SDS-PAGE

#### **Expression Systems**

HEK293

#### **Tag**

His tag at the C-terminus, followed by an Avi tag

#### **Protein Format**

Soluble

#### **Form**

LYOPH

#### **Reconstitution**

Please see Certificate of Analysis for specific instructions.

**Endotoxin**

<1.0 EU/μg by the LAL method

**Conjugation**

Biotin

**Purity**

>95% 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**

BTN3A2

**Full Name**

butyrophilin subfamily 3 member A2

**Introduction**

This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatibility class 1 locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Alternative Names**

BT4; BT3.2; CD277; BTN3.2; butyrophilin subfamily 3 member A2; butyrophilin protein

**Gene ID**

[11118](#)

**UniProt ID**

[P78410](#)