

# Product Information

## **MemDX™ Antibody Discovery - Human IgG1 Fc (100-330(C103S)) Membrane Protein, Partial, -Avi -His tag, [Biotin]**

Cat. No.: **MP0339F**

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

This membrane protein is Human IgG1 Fc (100-330(C103S)). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### Host Species

Human

#### Target Protein

IgG1 Fc

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 28.8 kDa. As a result of glycosylation, the protein migrates as 36 kDa under reducing (R) condition, and 60-66 kDa under non-reducing (NR) condition (SDS-PAGE).

#### Sequence

AA Pro 100 - Lys 330 (Accession # P01857-1 (C103S)).

### Product Description

#### Activity

Yes

#### Application

SDS-PAGE, ELISA

#### Expression Systems

HEK293

#### Tag

Avi tag at the C-terminus, followed by a His 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 Tris with Glycine, Arginine and NaCl, pH7.5. 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**

IgG1 Fc

### **Full Name**

immunoglobulin heavy constant gamma 1

### **Alternative Names**

IgG1

### **Gene ID**

[3500](#)

### **UniProt ID**

[P01857](#)