

# Product Information

## **MemDX™ Antibody Discovery - Cynomolgus Fc gamma RI/CD64 (11-288) Membrane Protein, Partial, -His -Avi tag, [Biotin]**

Cat. No.: **MP1405F**

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

This membrane protein is Cynomolgus Fc gamma RI/CD64 (11-288). It has been tested in SDS-PAGE, ELISA, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### **Host Species**

Cynomolgus

#### **Target Protein**

Fc gamma RI/CD64

#### **Protein Length**

ECD

#### **Molecular Weight**

The protein has a calculated MW of 34.8 kDa. The protein migrates as 40-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### **Sequence**

AA Val 11 - Pro 288 (Accession # NP\_001270969.1).

### Product Description

#### **Activity**

Yes

#### **Application**

SDS-PAGE, ELISA, BLI

#### **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

### 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

Fc gamma RI/CD64

### Full Name

Fc fragment of IgG receptor Ia

### Introduction

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

### Alternative Names

CD64; FCGR1; high affinity immunoglobulin gamma Fc receptor I; FCGR1 variant 2; FCGR1 variant 1; FCGR1 variant 3; Fc gamma receptor 1A

### Gene ID

[714664](#)

### UniProt ID

[H9BMN9](#)