

# Product Information

## **MemDX™ Antibody Discovery - Mouse CD155 / PVR (29-348) Membrane Protein, Partial, - hIgG1 Fc -Avi tag, [Biotin]**

Cat. No.: **MP1072F**

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

This membrane protein is Mouse CD155 / PVR (29-348). 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

Mouse

#### Target Protein

CD155 / PVR

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 63.5 kDa. The protein migrates as 90-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### Sequence

AA Asp 29 - Leu 348 (Accession # Q8K094-1).

### Product Description

#### Activity

Yes

#### Application

SDS-PAGE, ELISA

#### Expression Systems

HEK293

#### Tag

Human IgG1 Fc tag at the C-terminus, followed by a 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

>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

CD155 / PVR

### Full Name

poliovirus receptor

### Introduction

The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.

### Alternative Names

Ta; PVS; mE4; HVED; Taa1; Tage; necl; CD155; Tage4; necl-5; D7Ert458; D7Ert458e; 3830421F03Rik; poliovirus receptor; tumor-associated antigen 1

### Gene ID

[52118](#)

### UniProt ID

[P32507](#)