

Product Information

MemDX™ Antibody Discovery - Human CD155 / PVR (21-343) Membrane Protein, Partial, - hIgG1 Fc -Avi tag, [Biotin]

Cat. No.: **MP1075F**

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

This membrane protein is Human CD155 / PVR (21-343). It has been tested in SDS-PAGE, ELISA, FACS. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

CD155 / PVR

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 63.5 kDa. As a result of glycosylation, the protein migrates as 75-100 kDa under reducing (R) condition, and 140-180 kDa under non-reducing (NR) condition (SDS-PAGE)

Sequence

AA Trp 21 - Asn 343 (Accession # NP_006496.2).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA, FACS

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

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

CD155 / PVR

Full Name

PVR cell adhesion molecule

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

PVS; HVED; CD155; NECL5; TAGE4; Necl-5; poliovirus receptor; nectin-like protein 5

Gene ID

[5817](#)

UniProt ID

[P15151](#)