

Datasheet for ABIN5674647

Poliovirus Receptor Protein (PVR) (AA 29-348) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µg
Target:	Poliovirus Receptor (PVR)
Protein Characteristics:	AA 29-348
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Poliovirus Receptor protein is labelled with Fc Tag.

Product Details

Sequence:	AA 29-348
Characteristics:	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 61.8 kDa. The protein migrates as 35 kDa and 70-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by reduced SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

Target Details

Target:	Poliovirus Receptor (PVR)
Alternative Name:	CD155 (PVR Products)

Target Details

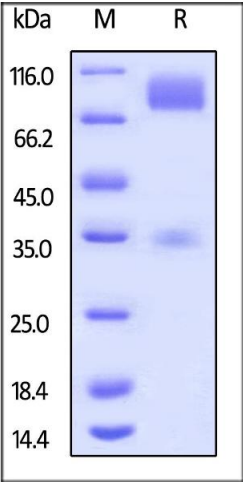
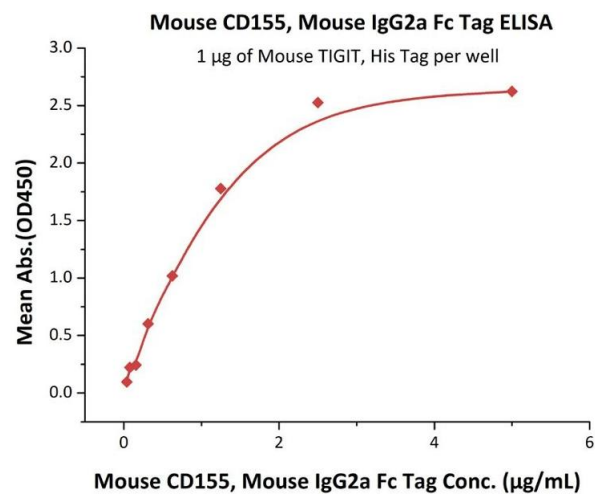
Background:	CD155 (cluster of differentiation 155) also known as the poliovirus receptor is a protein that is encoded by the PVR gene. CD155 is a Type I transmembrane glycoprotein in the immunoglobulin superfamily. Commonly known as Poliovirus Receptor (PVR) due to its involvement in the cellular poliovirus infection in primates, CD155's normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells. The role of CD155 in the immune system is unclear, though it may be involved in intestinal humoral immune responses. Subsequent data has also suggested that CD155 may also be used to positively select MHC-independent T cells in the thymus.
Molecular Weight:	61.8 kDa
NCBI Accession:	NP_081790
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Cancer Immune Checkpoints , SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C



ELISA

Image 1. Immobilized Mouse TIGIT, His Tag (ABIN4949190,ABIN4949191) at 10 µg/mL (100 µL/well) can bind Mouse CD155, Mouse IgG2a Fc Tag (ABIN5674647,ABIN6809987) with a linear range of 0.039-1.25 µg/mL (QC tested).

SDS-PAGE

Image 2. Mouse CD155, Mouse IgG2a Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .