

Datasheet for ABIN7320344

Poliovirus Receptor Protein (PVR) (AA 1-345) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Poliovirus Receptor (PVR)
Protein Characteristics:	AA 1-345
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Poliovirus Receptor protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD155/PVR Protein (aa 1-345, His Tag)(Active)
Sequence:	Met 1-Arg 345
Characteristics:	A DNA sequence encoding the mouse CD155 (NP_081790.1) precursor (Met 1-Arg 345) was expressed with a C-terminal polyhistidine tag.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind recombinant mouse CD226/DNAM-1. Immobilized recombinant mouse CD155/PVR at 1 µg/ml (100 µl/well) can bind recombinant mouse CD226/DNAM-1 with a linear range of 0.78-100 ng/ml.

Target Details

Target:	Poliovirus Receptor (PVR)
Alternative Name:	CD155/PVR (PVR Products)
Background:	<p>Background: CD155, commonly known as PVR (poliovirus receptor) and Necl-5 (nectin-like molecule-5), is a type I transmembrane single-span glycoprotein, and belongs to the nectins and nectin-like (Necl) subfamily. CD155 was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. The normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells. CD155 may assist in an efficient humoral immune response generated within the intestinal immune system. It has been demonstrated that CD155 can be recognized and bond by DNAM-1 and CD96 which promote the adhension, migration and NK-cell killing, and thus efficiently prime cell-mediated tumor-specific immunity.</p> <p>Immune CheckpointImmune Checkpoint Detection: ELISA</p> <p>Antibodies Immune Checkpoint Detection: ICC Antibodies Immune Checkpoint Detection: IP Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: WB AntibodiesImmune Checkpoint ProteinsImmune Checkpoint Targets Co-inhibitory Immune Checkpoint Targets Immunotherapy Cancer Immunotherapy Targeted Therapy</p> <p>Synonym: Poliovirus receptor; CD155 antigen; Nectin-like protein 5; Nectin-2; Tage4 receptor; Pvr; PVR; Necl5; CD155;3830421F03Rik;D7Ert458e;HVED;mE4;necl-5;PVS;Taa1;Tage4</p>
Molecular Weight:	28 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

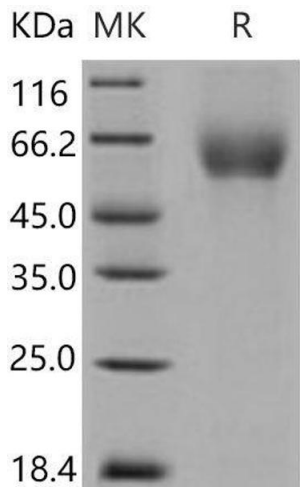
Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.

Handling

Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.