

Datasheet for ABIN7092736

PVRL2 Protein (AA 32-360) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	PVRL2
Protein Characteristics:	AA 32-360
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD112 with C-terminal 6xHis tag
Specificity:	CD112 (Gln32-Gly360) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PVRL2
Alternative Name:	CD112 (PVRL2 Products)
Background:	This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type

Target Details

domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Molecular Weight: predicted molecular mass of 36.1 kDa after removal of the signal peptide. The apparent molecular mass of CD112-His is 35-55 kDa due to glycosylation.

UniProt: [Q92692](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

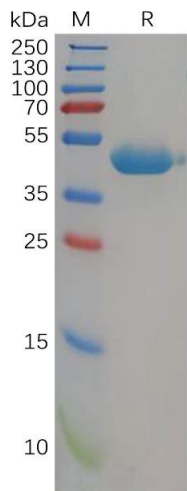
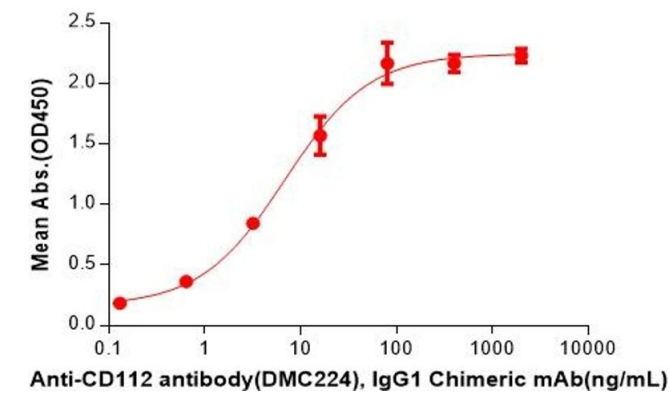
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human CD112,His Tagged protein ELISA
0.2 µg of Human CD112, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD112 Protein, His Tag (ABIN7092736, ABIN7272308 and ABIN7272309) can bind Anti-CD112 antibody, IgG1 Chimeric mAb in a linear range of 0.64-16.00 ng/mL.

SDS-PAGE

Image 2. Human CD112 Protein, His Tag on SDS-PAGE under reducing condition.