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Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein

PVRL1, Nectin-1, CD111, CLPED1, ED4, HIgR, HVEC, OFC7, PRR, PRR1, PVRR, PVRR1, SK-12

Catalog # PBV11002r

Specification

Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein - Product info

Primary Accession	Q15223
Calculated MW	**This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 34.8 kDa. The predicted N-terminus is Gln 31. DTT-reduced Protein migrates as 45-60 kDa due to glycosylation. KDa**

Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein - Additional Info

Gene ID	**5818**
Gene Symbol	**PVRL1**

Other Names
PVRL1, Nectin-1, CD111, CLPED1, ED4, HIgR, HVEC, OFC7, PRR, PRR1, PVRR, PVRR1, SK-12

Gene Source	**Human**
Source	**HEK293 cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**Measured by its binding ability in a functional ELISA. Immobilized recombinant human Nectin-3 /PVRL3 at 1 μg/ml (100 μl/well) can bind biotinylated recombinant human PVRL1 / Nectin-1 with a linear range of 6.25-1000 ng/ml.**

Target/Specificity
CD111/Nectin-1/PVRL1

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 μg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein - Images

Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein - Background

Poliovirus receptor-related protein 1 (PVRL1) is also known as Herpes virus entry mediator C (HveC), Herpesvirus Ig-like receptor (HIgR), Nectin-1, CD antigen CD111, PVRL1 / Nectin-1 / CD111 belongs to the nectin family. PVRL1 / Nectin-1 is a membrane protein with three extracellular immunoglobulin domains, a single transmembrane helix and a cytoplasmic tail. The protein can mediate Ca2+-independent cellular adhesion further characterizing it as IgSF cell adhesion molecule (IgSF CAM). PVRL1 is adhesion molecule found in a wide range of tissues. PVRL1 / Nectin-1 promote cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between PVRL1/nectin-1 and PVRL3/nectin-3 and between PVRL1/nectin-1 and PVRL4/nectin-4.

Human CellExp CD111 / Nectin-1 / PVRL1, human recombinant protein - References

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