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PVRL1 Protein (AA 31-334) (Fc Tag)

3 Images



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Overview

| Overview | |
|-------------------------------|--|
| Quantity: | 100 μg |
| Target: | PVRL1 |
| Protein Characteristics: | AA 31-334 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This PVRL1 protein is labelled with Fc Tag. |
| Product Details | |
| Purity: | >95 % as determined by reduced SDS-PAGE. |
| Endotoxin Level: | Less than 1.0 EU per μg by the LAL method. |
| Target Details | |
| Target: | PVRL1 |
| Alternative Name: | Nectin-1 (PVRL1 Products) |
| 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 /

extracellular immunoglobulin domains, a single transmembrane helix and a cytoplasmic tail.

The protein can mediate Ca2+-independent cellular adhesion further characterizing it as IgSF

CD111 belongs to the nectin family. PVRL1 / Nectin-1 is a membrane protein with three

cell adhesion molecule (IgSF CAM). PVRL1 is adhesion molecule found in a wide range of tissues. PVRL1 / Nectin-1 promotes 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.

| Molecular Weight: | 60.4 kDa |
|-------------------|---------------------------------|
| NCBI Accession: | NP_002846 |
| Pathways: | Cell-Cell Junction Organization |

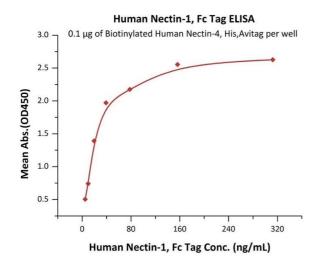
Application Details

Restrictions: For Research Use only

Handling

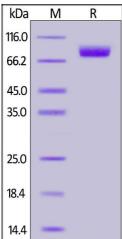
| Format: | Lyophilized |
|----------|--|
| Buffer: | Tris with Glycine, Arginine and NaCl, pH 7.5 |
| Storage: | -20 °C |

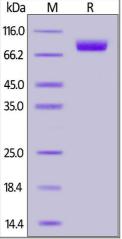
Images

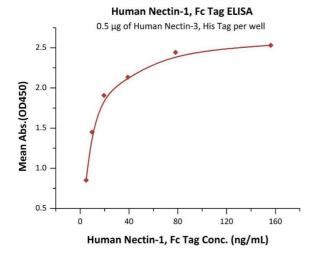


ELISA

Image 1. Immobilized Biotinylated Human Nectin-4, His,Avitag (ABIN6938938,ABIN6950980) at 1 μ g/mL (100 μ L/well) on Streptavidin precoated (0.5 μ g/well) plate, can bind Human Nectin-1, Fc Tag (ABIN6951010,ABIN6952290) with a linear range of 2-40 ng/mL (Routinely tested).







SDS-PAGE

Image 2. Human Nectin-1, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .

ELISA

3. Immobilized Human Nectin-3, His Tag **Image** (ABIN4949136,ABIN4949137) at $5 \mu g/mL$ (100 $\mu L/well$) can bind Human Nectin-1, Fc Tag (ABIN6951010, ABIN6952290) with a linear range of 0.6-20 ng/mL (QC tested).