# Human CD155/PVR Protein

**Cat. No.** CD1-HM455

## Description

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| **Source** | Recombinant Human CD155/PVR Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. |
| | It contains Trp21-Asn343. |
| **Accession** | P15151-1 |
| **Molecular Weight** | The protein has a predicted MW of 38 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result. |
| **Endotoxin** | Less than 1EU per μg by the LAL method. |
| **Purity** | > 95% as determined by Bis-Tris PAGE |

## Formulation and Storage

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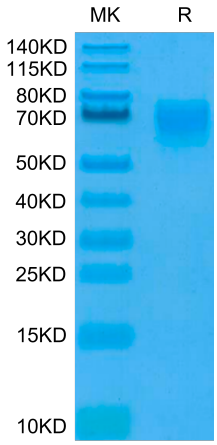
| **Formulation** | Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| **Reconstitution** | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| **Storage** | -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

## Background

CD155 is a cell surface adhesion molecule functioning in tumor cell migration, invasion, and metastasis, and not surprisingly, is also designated as a common tumor-associated antigen. CD155 is also recognized by NK cells to induce their cytotoxicity. CD155 is also commonly referred to as the "poliovirus receptor," or PVR.

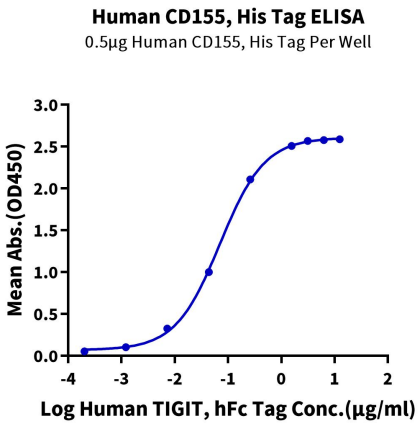
## Assay Data

### Bis-Tris PAGE




Human CD155 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### ELISA Data




Immobilized Human CD155, His Tag at 5μg/ml (100μl/Well) on the plate. Dose response curve for Human TIGIT, hFc Tag with the EC50 70.5ng/ml determined by ELISA.