

## Recombinant Human PVR/CD155 Protein

RPCB0544

### Protein Information

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|                       |          |                        |            |
|-----------------------|----------|------------------------|------------|
| <b>Size:</b>          | 100 µg   | <b>Tag:</b>            | C-hFc      |
| <b>Reactivity:</b>    | Human    | <b>Expressed Host:</b> | E. coli    |
| <b>Calculated MW:</b> | 61.8 kDa | <b>Observed MW:</b>    | 75-100 kDa |

### Background

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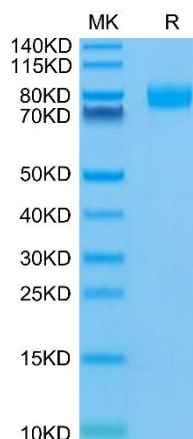
CD155 is a cell surface adhesion molecule functioning in tumor cell migration, invasion, and metastasis, and not surprisingly, is also designated as a common tumor-associated antigen. CD155 is also recognized by NK cells to induce their cytotoxicity. CD155 is also commonly referred to as the "poliovirus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

### Properties

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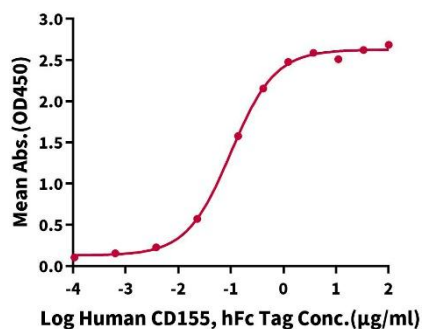
|                     |  |
|---------------------|--|
| <b>Synonyms:</b>    | CD155, HVED, NECL5, Necl-5, nectin-like 5, PVR, PVS, Tage4, PVSFLJ25946, FLJ25946  |
| <b>Gene ID:</b>     | 5817   |
| <b>Endotoxin:</b>   | < 1 EU/µg of the protein by LAL method.  |
| <b>Description:</b> | High quality, high purity and low endotoxin recombinant Recombinant Human PVR/CD155 Protein (RPCB0544), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.                 |
| <b>Purity:</b>      | ≥ 95 % as determined by SDS-PAGE.  |
| <b>Storage:</b>     | Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |

## Validation Data

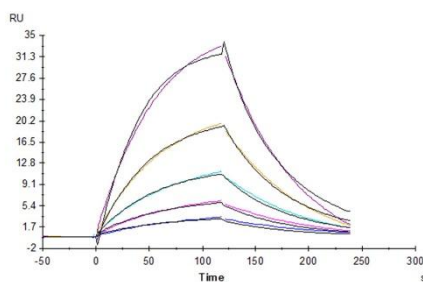


Recombinant Human PVR/CD155 Protein was determined by Tris-Bis PAGE under reducing conditions.

**Human CD155, hFc Tag ELISA**  
0.05µg Human TIGIT, His Tag Per Well



Immobilized Human TIGIT, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD155, hFc Tag with the EC50 of 0.1 µg/mL determined by ELISA (QC Test).



Human CD155, hFc Tag captured on CM5 Chip via Protein A can bind Human CD96, His Tag with an affinity constant of 0.958 µM as determined in SPR assay (Biacore T200).