

# PRODUCT DATA SHEET

**COMPLEX**

Complex Biotech Co., Ltd

## CD155 Recombinant Protein

Catalog: BCP3406

Host: E.coli

Tag: His-tag

### BackGround:

Poliovirus receptor (PVR, CD155) is an immunoglobulin-like, transmembrane glycoprotein originally described as a mediator of poliovirus attachment to cells and later identified as important in adherens junction formation. Also known as nectin-like 5 (Necl-5), PVR binds nectin-3 and interacts with integrin  $\alpha\beta3$  and PDGFR to regulate integrin clustering and focal contact formation at the leading edge of migrating cells. Research studies demonstrate that PVR and nectin-3 regulate contact inhibition during cell motility and proliferation in transformed 3T3 cells. Additional research indicates that PVR (CD155, Necl-5) expression may play a role in invasiveness of lung adenocarcinoma. In the immune system, CD155 plays a role in natural killer (NK) cell-mediated cytotoxicity.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~36kDa

### Swiss-Prot:

P15151

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

### Restriction Sites:

NdeI-XhoI

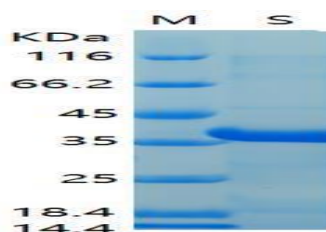
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Expression Vector:

pet-22b(+)

### DATA:



SDS-PAGE Result

### Note:

For research use only, not for use in diagnostic procedure.