

# PRODUCT DATA SHEET



Bioworld Technology, Inc.

## CD315 Recombinant Protein

Catalog: NCP0452

Host: E.coli

Tag: His-tag;Sumo-Tag

### BackGround:

Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur. In myoblasts, associates with tetraspanins CD9 and CD81 to prevent myotube fusion during muscle regeneration.

### Product:

0.5M Urea, PH7.4

### Molecular Weight:

~31kDa

### Swiss-Prot:

Q9P2B2

### 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:

BamHI-XhoI

### Storage&Stability:

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

### Expression Vector:

pSmart-I

### DATA:



### Note:

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

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