

# Recombinant Human IL-17Rc Protein

Catalog No.: RP02624 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	84818	NP_703190.2

### Tags

C-hFc

### Synonyms

IL-17 receptor C; IL-17RC; IL17Rhom;  
IL-17RL; ZcytoR14

## Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

### Endotoxin

Less than 1EU per µg by the LAL method.

### Formulation

#### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

IL-17RC (interleukin-17 receptor-like) gene codes for a transmembrane protein, the full length of which inhibits apoptosis in prostate cancer cells. IL-17RC gene transcribes over a dozen different splice variants of mRNA. IL-17RC protein isoforms are differentially expressed in prostatic cells and cancer tissues and may play a negative or positive role in the initiation and progression of prostate cancer.

## Basic Information

### Description

Recombinant Human IL-17Rc Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Leu21-Arg467.

### Bio-Activity

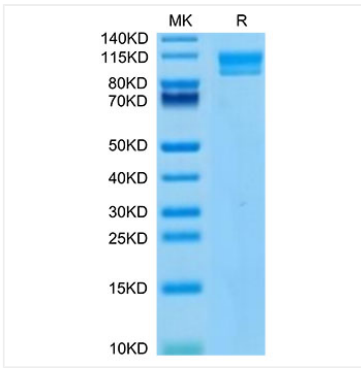
#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

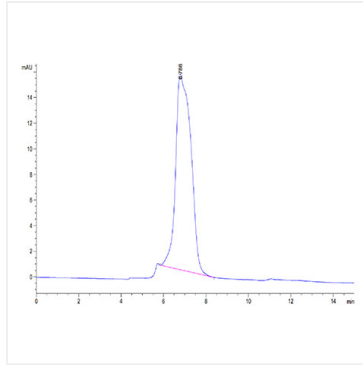
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

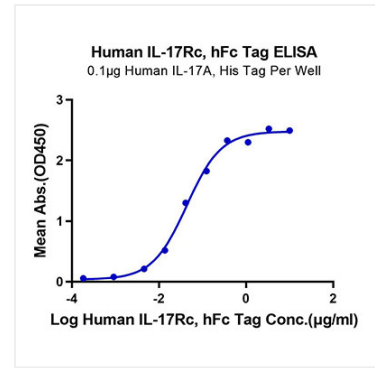
## Validation Data



Human IL-17Rc on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human IL-17Rc is greater than 95% as determined by SEC-HPLC.



Immobilized Human IL-17A, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human IL-17Rc, hFc Tag with the  $EC_{50}$  of 43.5ng/ml determined by ELISA.