

# Human IL17RC (aa 1-454, His Tag) recombinant protein



Catalog Number: 503935

## General Information

### Gene Name Synonym

Interleukin-17 receptor homolog; Interleukin-17 receptor-like protein; ZcytoR14

### Protein Construction

A DNA sequence encoding the full length of human IL17RC isoform 3 (NP\_116121.2) (Met 1-Ala 454) was fused with a polyhistidine tag at the carboxy-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

1. Measured by its ability to bind with recombinant human IL17A-His (Cat:503515) in a functional ELISA.
2. Measured by its ability to bind with recombinant human 17A (Cat:503539) in a functional ELISA.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Leu 21

## Molecular Mass

The recombinant human IL17RC (aa 1-454) consists of 444 amino acids and predicts a molecular mass of 49.6 kDa. The apparent molecular mass of the protein is approximately 60 kDa in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

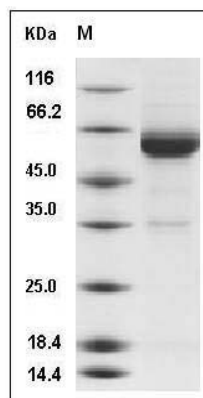
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human IL17RC Protein (aa 1-454, His Tag) SDS-PAGE