

# Human IL-17R/IL-17RA ?CD217? (His Tag) recombinant protein



Catalog Number: 502662

## General Information

### Gene Name Synonym

CDw217

### Protein Construction

A DNA sequence encoding the extracellular domain of human IL17RA (NP\_055154.3) (Met 1-Trp 320) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human IL17A at 2 µg/ml (100 µl/well) can bind biotinylated human IL17RA with a linear range of 1.28-32 ng/ml.
2. Measured by its ability to inhibit IL-17-induced IL-6 secretion by HFF human foreskin fibroblast cells. The ED<sub>50</sub> for this effect is typically 0.03-0.12 µg/mL.

### Purity

> 97 % 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 33

### Molecular Mass

The recombinant human IL17RA consists of 299 amino acids and has a predicted molecular mass of 35 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL17RA is approximately 55-60 kDa due to glycosylation.

### Formulation

- Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

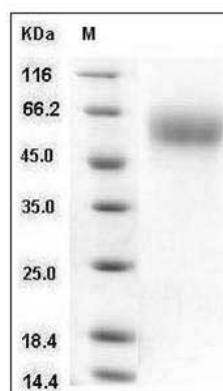
### Storage

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 IL17RA / CD217 Protein (His Tag) SDS-PAGE