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

Catalog Number: 503306



# **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 was fused with the C-terminal polyhistidine-taggged Fc region of human IgG1 at the C-terminus.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

### **Activity**

- 1. Measured by its ability to bind human IL17F in a functional ELISA.
- 2. Measured by its binding ability in a functional ELISA.
- 3. Immobilized recombinant human IL17A at 20  $\mu g/ml$  (100  $\mu l/well)$  can bind human IL17RA with a linear range of 32-160 ng/ml.

# **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 536 amino acids and has a predicted molecular mass of 61.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL17RA/Fc monomer is approximately 95-105 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**

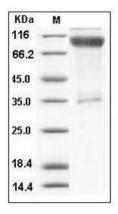
# **Storage**

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 & Fc Tag)

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SDS-PAGE