

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the extracellular domain of human IL17RC isoform 3 (NP_116121.2) (Met 1-Ala 454) was fused with the 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 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

> 95 % 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 secreted recombinant human IL17RC/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 675 amino acids and has a predicted molecular mass of 75.3 kDa. The apparent molecular mass of rh IL17RC/Fc monomer is approximately 100-120 kDa in SDS-PAGE under reducing conditions 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

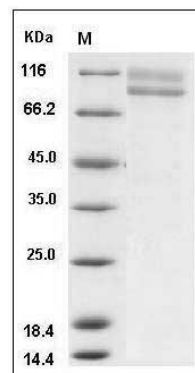
Storage

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 IL17RC (Fc Tag) recombinant protein



Catalog Number: 502635

Human IL17RC Protein (Fc Tag) SDS-PAGE