Human IL17RC Protein (Fc Tag)

Catalog Number: **11747-H02H**

General Information

Gene Name Synonym:

IL17-RL; IL17RL

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.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:

1. Measured by its ability to bind with recombinant human IL17A-His (Cat:12047-H07B) in a functional ELISA. 2. Measured by its ability to bind with recombinant human 17A (Cat:12047-HNAE) in a functional ELISA.

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 ℃

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

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

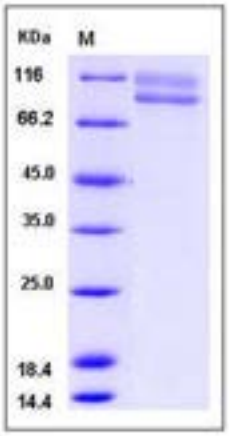
Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1.Allen W, *et al.* (2010) IL-17RC: A partner in IL-17 signaling and beyond. Semin Immunopathol. 32(1): 33-42. 2.You ZB, *et al.* (2007) Differential Expression of IL-17RC Isoforms in Androgen-Dependent and Androgen-Independent Prostate Cancers1. Neoplasia. 9(6): 464-70. 3.Zrioual S, *et al.* (2008) IL-17RA and IL-17RC receptors are essential for IL-17A-induced ELR+ CXC chemokine expression in synoviocytes and are overexpressed in rheumatoid blood. J Immunol. 180(1): 655-63.