

# Active Recombinant Human IL17RA protein, hFc&Avi-tagged, Biotinylated

**Cat. No.** IL17RA-220H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Human IL17RA protein(NP_055154.3)(Met1-Trp320), fused with hFc and Avi tag, was expressed in HEK293.                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Met1-Trp320                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| <b>Bio-activity</b>     | Immobilized Human IL17 at 2 µg/mL (100 µL/well) can bind Human IL17RA (hFc & AVI Tag), Biotinylated, the EC50 of Human IL17RA (hFc & AVI Tag), Biotinylated is 50-400 ng/mL.                             |
| <b>Molecular Mass</b>   | The recombinant human IL17RA consists of 541 amino acids and predicts a molecular mass of 61.99 kDa. It migrates as an approximately 89.18 kDa band in SDS-PAGE under reducing conditions.               |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                 |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                        |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>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. |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                     |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                                            |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL17RA interleukin 17 receptor A [ Homo sapiens ]                                                                                                                                                               |
| <b>Official Symbol</b> | IL17RA                                                                                                                                                                                                          |
| <b>Synonyms</b>        | IL17RA; interleukin 17 receptor A; IL17R, interleukin 17 receptor; interleukin-17 receptor A; CD217; CDw217; hIL 17R; IL 17RA; IL-17 receptor A; IL17R; CANDF5; IL-17RA; hIL-17R; FLJ32274; FLJ36453; MGC10262; |
| <b>Gene ID</b>         | 23765                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_014339                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_055154                                                                                                                                                                                                       |
| <b>MIM</b>             | 605461                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q96F46                                                                                                                                                                                                          |

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