

# Recombinant Human IL17RA Protein (His Tag)

RPES1394

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES1394

**Purity:** > 97 % as determined by reducing SDS-PAGE.

**Contents:** 100µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** IMD, MGC, CTLA, CANDF, CDw, IL17RA, CANDF5, CD217, CDw217, IL-17RA, IL17R, IMD51, hIL-17R, CD127, CD217 antigen, CDW127, CTLA8, HIL 17R, hIL17R, I17RA, IL 17 receptor, IL 17 receptor A, IL 17RA, IL17, IL-17 R alpha, IL-17 receptor A, IL17A receptor, IL-17R, IL17R-A, IL17-RA, IL-17R-alpha, IL7RA, ILRA, Interleukin 17 receptor A, Interleukin-17 receptor A, MGC10262, CDw217, Interleukin-17 receptor A

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** HEK293 Cells

**Bio-Activity:** Measured by its ability to inhibit IL-17-induced IL-6 secretion by NIH- 3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 0.2-1.2µg/mL in the presence of 5 ng/mL recombinant human IL- 17.

**Calculated MW:** 35.0 kDa

**Formulation:** Lyophilized from sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Observed MW:** -

**Reconstitution:** Please refer to the printed manual for detailed information. Measured by its ability to inhibit IL-17-induced IL-6 secretion by NIH- 3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 0.2- 1.2µg/mL in the presence of 5 ng/mL recombinant human IL- 17.

**Accession:** NP\_055154.3

**Source:** HEK293 Cells-derived Human IL17RA protein Met 1-Trp 320, with an C-terminal His

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Sequence:** Met 1-Trp 320

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

**Form:** Lyophilized powder

