

Recombinant Rat IL17RA Protein (His Tag)

RPES0640

Description

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

SKU: RPES0640

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Rat

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: 1. Immobilized rat IL17RA-His at 10 µg/ml (100 µl/well) can bind biotinylated human IL17A, The EC50 of biotinylated human IL17A is 5-11.8 ng/ml. 2. Immobilized mouse IL17a at 10 µg/ml (100 µl/well) can bind rat IL17RA-His, The EC50 of rat IL17RA- His is 0.44-1.02 µg/mL.

Calculated MW: 34.1 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before

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

lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 52-58 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_001101353.2

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

Source: HEK293 Cells-derived Rat IL17RA protein Met1-Pro320, with an C-terminal His

Sequence: Met1-Pro320

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

Form: Lyophilized powder