

# Recombinant Human IL12RB1 Protein (His Tag)

RPES0328

## 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:** RPES0328

**Purity:** > 94 % 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, IL-12R-BETA, IL12RB1, CD212, IL-12R-BETA1, IL12RB, IMD30, IL12R, IL-12Rb1, CD212 antigen, IL-12 receptor beta component, IL-12 receptor subunit beta-1, IL-12R subunit beta-1, IL-12R-beta-1, interleukin-12 receptor beta-1 chain, interleukin-12 receptor subunit beta-1

**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:** Immobilized human IL12RB1 at 20 µg/ml (100 µl/well) can bind human IL12B with a linear rangel of 2. 56-64 ng/ml.

**Calculated MW:** 58.5 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.

**Observed MW:** -

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

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

**Accession:** NP\_005526.1

**Source:** HEK293 Cells-derived Human IL12RB1 protein Met 1-Glu 540, with an C-terminal His

**Sequence:** Met 1-Glu 540

**Form:** Lyophilized powder

**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

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