

# Recombinant Mouse IL-12 p40/IL-12B Protein (His Tag)

RPES1528

## 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:** RPES1528

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

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Mouse

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

**Synonyms:** NKSF, IL-12/IL-23 p, IL-12 subunit p, NK cell stimulatory factor chain, NK cell Stimulating Factor Chain, CLMF, CLMF p, IL12 p, CLMF2, Cytotoxic lymphocyte maturation factor 40 kDa subunit, Cytotoxic Lymphocyte Maturation Factor 40 kDa subunit (CLMF p40), IL12, IL-12 p40, IL12 p70, IL-12 p70, IL-12/IL-23 p40, NK cell Stimulating Factor Chain 2, p40, IL-12B, NKSF2, Interleukin-12 subunit beta, CLMF p40, IL-12 subunit p40, NK cell stimulatory factor chain 2, IL 12B, Il12b

**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:** Not validated for activity

**Calculated MW:** 36.8 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 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:** 42-55 kDa

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

**Accession:** P43432

**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 Mouse IL-12 p40/IL-12B protein Met23-Ser335, with an C- terminal His

**Sequence:** Met23-Ser335

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

**Form:** Lyophilized powder