

# Recombinant Mouse Interleukin-23/IL-23 Protein

RPES1844

## 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:** RPES1844

**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:** CLMF p40, IL-12 subunit p40, IL-23p19, NKSF2, SGRF

**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:** None

**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 induce STAT reporter activity in 293F human embryonic kidney cells. The ED50 for this effect is 501.08 ng/ml.

**Calculated MW:** 19.7&35.8 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:** 18&40-55 kDa

**Reconstitution:** Please refer to the printed manual for detailed information. Measured by its ability to induce STAT reporter activity in 293F human embryonic kidney cells. The ED50 for this effect is 501.08 ng/ml.

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

**Accession:** Q9EQ14&P43432

**Source:** HEK293 Cells-derived Mouse Interleukin-23/IL-23 protein Val22-Ala196&Met23- Ser335

**Sequence:** Val22-Ala196&Met23-Ser335

**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.