

Recombinant Human IL12(P40) Protein

RPES9231

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: RPES9231

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

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Synonyms: IL-12/IL-23 p, IL-12 subunit p, NK cell stimulatory factor chain, NK cell Stimulating Factor Chain, CLMF p, IMD, IL12B, CLMF, CLMF2, IL-12B, IMD28, IMD29, NKSF, NKSF2, Cytotoxic lymphocyte maturation factor 40 kDa subunit, Cytotoxic Lymphocyte Maturation Factor 40 kDa subunit (CLMF p40), IL-12/IL-23 p40, NK cell Stimulating Factor Chain 2, p40, Interleukin-12 subunit beta, CLMF p40, IL-12 subunit p40, NK cell stimulatory factor chain 2, IL 12B, IL12 p40, Interleukin 12 beta chain, Interleukin 12 p40, IL-12

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: 35.0 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

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

Observed MW: 38-42 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P29460

Source: HEK293 Cells-derived Human IL-12 protein Ile23-Ser328, 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: Ile23-Ser328

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

Form: Lyophilized powder