

Recombinant Human Interleukin-23/IL-23 (C-6His)

RPES6229

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: RPES6229

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

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

Concentration: -

Species: Human

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: C-His

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 70-210 ng/ml.

Calculated MW: 19.7&34.8 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 200mM Trehalose, 4% Mannitol, 50mM NaCl, 0.02% Tween 80, pH7.5. 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: 19-21&40-60 kDa

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: Q9NPF7&P29460

Source: HEK293 Cells-derived Human Interleukin-23, IL-23 protein Arg20-Pro189&Ile23-Ser328, with an C-terminal His

Sequence: Arg20-Pro189&Ile23-Ser328

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.