

Recombinant Human IL-9 protein(His Tag)

RPES6410

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: RPES6410

Purity: > 98 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

Endotoxin: < 0.01 EU per µg of the protein as determined by the LAL method.

Synonyms: Cytokine P, Interleukin, TCGF, IL9, HP40, IL-9, P40, Cytokine P40, Interleukin-9, P40 Cytokine, P40 T-cell and Mast Cell Growth Factor, T-cell Growth Factor P40, TCGF3, TCGFIII

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: N-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Measure by its ability to induce proliferation in MO7e cells. The ED50 for this effect is <0.25 ng/mL. The specific activity of recombinant human IL-9 is approximately >5 x10⁶ IU/ mg.

Calculated MW: 14.9 kDa

Formulation: Lyophilized from sterile PBS,pH 8.0. 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 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: P15248

Source: E.coli-derived Human IL-9 protein
Gln 19-Ile 144, with an N-terminal His

Sequence: Gln 19-Ile 144

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.