

Recombinant Human HGF Protein (His Tag)

RPES0645

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: RPES0645

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

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

Concentration: -

Species: Human

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

Synonyms: HGF, HPTA, Hepatocyte growth factor, Hepatopoietin-A, SF, Scatter factor

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 IL-11 secretion by Saos- 2 human osteosarcoma cells. The ED50 for this effect is 0.3-1. 5 ng/ml.

Calculated MW: 26&53.7 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 500mM NaCl, 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: 32-38&50-65 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured by its ability to induce IL-11 secretion by Saos- 2 human osteosarcoma cells.

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

The ED50 for this effect is 0.3-1.5 ng/ml. Loaded Recombinant Human HGF (C-6His) (RPES0645) on HIS1K Biosensor, can bind Ficlaturuzumab with an affinity constant of 5.50 pM as determined in BLI assay.

Accession: P14210

Source: HEK293 Cells-derived Human HGF protein Gln32-Ser728, with an C-terminal His

Sequence: Gln32-Ser728

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.