

Recombinant Human FGF-10/FGF10 Protein

RPES3823

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: RPES3823

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: FGF-10, FGF10, Fibroblast growth factor 10, KGF-2, KGF2, Keratinocyte growth factor 2

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: E.coli

Bio-Activity: Measured by its ability to induce FGFR3b receptor activity in HEK293T human embryonic kidney cells. The ED50 for this effect is 3.82ng/ml.

Calculated MW: 19.5 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 10mM Tris, 5% Sucrose, 4% Mannitol, 0.02% Tween 80, pH8.0. 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: 19-22 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured by its ability to induce FGFR3b receptor activity in HEK293T human

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

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Accession: O15520

Source: E.coli-derived Human FGF-10, FGF10 protein Gln38-Ser208

Sequence: Gln38-Ser208

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.