

Recombinant Human FGF2 Protein(GST Tag)

RPES9393

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: RPES9393

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

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

Concentration: -

Species: Human

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Synonyms: HBGF, FGF, BFGF, FGF-2, FGFB, HBGF-2, Basic FGF, FGF2, Basic Fibroblast Growth Factor, B-FGF, FGF- β , Fibroblast Growth Factor 2, heparin-binding growth factor 2, prostatropin, BFGF, B-FGF, FGF-2, FGFB, fibroblast growth factor 2, HBGF-2, heparin-binding growth factor 2, prostatropin, basic, Basic fibroblast growth factor bFGF, FGF 2, FGF B, FGF2 basic, Fibroblast growth factor, Fibroblast growth factor 2 (basic), HBGF 2, HBGF2, HBGH 2, HBGH2, Heparin binding growth factor 2 precursor, heparin-binding growth factor 2, FGF- β

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-GST

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

Expression Host: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 42.1 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: 48 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: P09038

Source: E.coli-derived Human FGF2 protein Pro143-Ser288, with an N-terminal GST

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: Pro143-Ser288

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

Form: Lyophilized powder