

Recombinant Human FGFR2/CD332 Protein (aa 400-821, His & GST Tag)

RPES1437

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: RPES1437

Purity: > 92 % as determined by reducing SDS-PAGE.

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

Concentration: Subject to label value.

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: BBDS, BEK, BFR-1, CD332, CEK3, CFD1, ECT1, JWS, K-SAM, KGFR, TK14, TK25

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-His-GST

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: Baculovirus-Insect Cells

Bio-Activity: 1. The specific activity was determined to be 28 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate. 2. Immobilized recombinant human FGFR2 (aa 400-821) at 10 µg/ml (100 µl/well) can bind biotinylated human FGF acidic with a linear range of 15.6-250 ng/ml. 3. Immobilized recombinant human FGFR2 (aa 400-821) at 10 µg/ml (100 µl/well) can bind biotinylated human FGF basic with a linear range of 0.16-1.25 µg/ml.

Calculated MW: 75.7 kDa

Formulation: Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol

Observed MW: 68 kDa

Reconstitution: -

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

Accession: NP_000132.3

Source: Baculovirus-Insect Cells-derived Human FGFR2/CD332 protein Met 400-Thr 821, with an N-terminal His & GST

Sequence: Met 400-Thr 821

Form: Liquid

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.