

Recombinant Human IGFBP1 Protein(Trx Tag)

RPES9390

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: RPES9390

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: IGF-binding protein, Insulin-like growth factor-binding protein, IGF-BP, hIGFBP, IBP, IGFBP1, AFBP, IBP1, IGF-BP25, PP12, hIGFBP-1, IBP-1, IGF-binding protein 1, IGFBP-1, Insulin-like growth factor-binding protein 1, placental protein 12, Alpha pregnancy associated endometrial globulin, Amniotic fluid binding protein, Binding protein 25, Binding protein 26, Binding protein 28, Growth hormone independent binding protein, hIGFBP 1, hIGFBP1, IBP 1, IGF binding protein 1, IGF BP25, IGFBP 1, Insulin like growth factor binding protein 1, PP 12

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-Trx

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: 44 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: P08833

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

Source: E.coli-derived Human IGFBP1 protein Ala26-Asn259, with an N-terminal Trx

Sequence: Ala26-Asn259

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

Form: Lyophilized powder