Recombinant Human TNFRSF1B/CD120b Protein (Fc Tag)

RPES1622

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: RPES1622

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

Species: Human

Synonyms: CD120b, TNF-R2, TNF-RII, TNFRSF1B, Tumor necrosis factor receptor 2, Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor type II, p75, p80 TNF-alpha receptor

Tag: C-Fc

Expression Host: HEK293 Cells

Calculated MW: 51.9 kDa

Observed MW: 60-90 kDa

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

Concentration: -

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

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

Bio-Activity: Measured by its ability to induce NF-κB reporter activity in HEK293 human embryonic kidney cells. Recombinant Human TNF RII inhibits a constant dose of 0.5ng/mL of Recombinant TNF alpha. The IC50 for this effect is 2.5 ng/mL.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. 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.

Reconstitution: Please refer to the printed manual for detailed information.

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

Accession: P20333

Source: HEK293 Cells-derived Human TNFRSF1B/CD120b protein Leu23-Asp257, with an C- terminal Fc

Sequence: Leu23-Asp257

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.