

Recombinant Human FcRn & B2M Heterodimer (C-6His-Avi)

Biotinylated

RPES6257

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: RPES6257

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

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

Concentration: -

Species: Human

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

Synonyms: FCRN, IgG receptor FcRn, Neonatal Fc receptor

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: C-His-Avi

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Biotinylated Human FcRn Heterodimer (C-6His-Avi) (RPES6257) on HIS1K Biosensor, can bind Recombinant Human IgG1 Fc (RPES0971) with an affinity constant of 0.254 uM as determined in BLI assay.

Calculated MW: 31.1&13.5 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 6% Sucrose, 4% Mannitol, 0.05% Tween 80, pH 7.8. 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.

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

Observed MW: 35&13 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Biotinylated Human FcRn Heterodimer (C-6His- Avi) (RPES6257) on HIS1K Biosensor, can bind Recombinant Human IgG1 Fc (RPES0971) with an affinity constant of 0.254 uM as determined in BLI assay. Loaded Biotinylated Human FcRn Heterodimer (C-6His-Avi) (RPES6257) on HIS1K Biosensor, can bind Recombinant Human IgG2 Fc (223AA) (RPES2197) with an affinity constant of 0.251 uM as determined in BLI assay.

Accession: AAF72596&P61769

Source: HEK293 Cells-derived Human FcRn, B2M protein Ala24-Ser297&Ile21-Met119, with an C-terminal His & Avi

Sequence: Ala24-Ser297&Ile21-Met119

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.

