

Recombinant Human CD32a/FCGR2A Protein (167 His, His&AVI Tag), RPES0287

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: RPES0287

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: CD32, CD32A, CDw32, FCG2, FCGR2 , FCGR2A, FCGR2A1, Fc gamma RIIA, Fc-gamma RII-a, Fc-gamma-RIIa, FcGR, FcRII-a, IGFR2, IgG Fc receptor II-a, Low affinity immunoglobulin gamma Fc region receptor II-a

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: 1. Immobilized human IgG2 at 10 µg/ml (100 µl/well) can bind biotinylated human CD32 with a linear ranger of 0.16-0.8 µg/ml. 2. Using the Octet RED System, the affinity constant (Kd) of CD32a-AVI-His + BirA bound to human IgG was 12nM. 3. Labeling ratio of biotin to protein: 0.1-0.6.

Calculated MW: 23.6 kDa

Formulation: Lyophilized from sterile 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.

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

Observed MW: 33 kDa

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

Accession: P12318-1

Source: HEK293 Cells-derived Human CD32a/FCGR2A protein Met 1-Met 210, with an C- terminal His & Avi

Sequence: Met 1-Met 210

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.