

Recombinant Human CD32a/FCGR2A Protein (H131, His Tag)

RPES3545

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: RPES3545

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

Contents: 50µg, 10µg
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

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Human IgG1 Fc (RPES0971) on Protein-A Biosensor, can bind Human CD32a-His (H167) (RPES3545) with an affinity constant of 0.666 uM as determined in BLI assay.

Calculated MW: 21.1 kDa

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.

Observed MW: 25-32 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Human IgG1 Fc (RPES0971) on Protein-A Biosensor, can bind Human

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

CD32a-His (H167) (RPES3545) with an affinity constant of 0.666 uM as determined in BLI assay.

Accession: P12318

Source: HEK293 Cells-derived Human CD32a, FCGR2A protein Ala36-Ile218, with an C-terminal His

Sequence: Ala36-Ile218

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.