

# Recombinant Human CD32a/FCGR2A Protein (167 Arg, Fc Tag)

RPES2372

## Description

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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

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**SKU:** RPES2372

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Contents:** 100µg, 1mg  
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, FCGR2A, FCGR2A1, FCGR5, 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-hFc

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

**Expression Host:** HEK293 Cells

**Bio-Activity:** Measured by its binding ability in a functional ELISA. Immobilized human CD32a-Fc at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1 with a linear range of 0.625-10 µg/ml.

**Calculated MW:** 47.3 kDa

**Formulation:** Lyophilized from sterile PBS, pH 7.5. 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:** 55 kDa

**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:** AAA35827.1

**Source:** HEK293 Cells-derived Human CD32a/FCGR2A protein Met 1-Ile 218, with an C- terminal hFc

**Sequence:** Met 1-Ile 218

**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.