

Recombinant Human JAM-A/F11R Protein (Fc Tag)

RPES0523

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: RPES0523

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

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

Concentration: -

Species: Human

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

Synonyms: CD321, F11R, JAM-1, JAM-A, JAM1, JAMA, JCAM, Junctional Adhesion Molecule 1, Junctional Adhesion Molecule A, KAT, PAM-1, Platelet Adhesion Molecule 1, Platelet F11 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-hFc

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

Expression Host: HEK293 Cells

Bio-Activity: Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 8 x 10⁴ cells/well are added to JAM-A-Fc coated plates (2.5 µg/mL, 100 µL/well) in the presence of 20 ng/mL PMA, approximately 30-40% will adhere after 30 minutes at 37°C.

Calculated MW: 50.0 kDa

Formulation: Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, 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.

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

Observed MW: 61 kDa

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

Accession: NP_058642.1

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

Source: HEK293 Cells-derived Human JAM-A/F11R protein Met 1-Ala 242, with an C-terminal hFc

Sequence: Met 1-Ala 242

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder