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## Datasheet for ABIN7092719 F11R Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	F11R
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This F11R protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human JAM-A Protein with C-terminal human Fc tag
Specificity:	JAM-A (Ser28-Val238) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	F11R
Alternative Name:	JAM-A ( <a href="#">F11R Products</a> )
Background:	Synonymes: CD321, JAM, JAM1, JAMA, JCAM, KAT, PAM-1 Description: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier

## Target Details

to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple 5' alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established.

**Molecular Weight:** predicted molecular mass of 49.1 kDa after removal of the signal peptide. The apparent molecular mass of JAM-A-hFc is 55-70 kDa due to glycosylation.

**UniProt:** [Q9Y624](#)

**Pathways:** [Cell-Cell Junction Organization](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Reconstitution:** Reconstitute with deionized water

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months