

# Recombinant Mouse JAM-A/F11R Protein (Fc Tag)

Catalog Number:PKSM040670



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

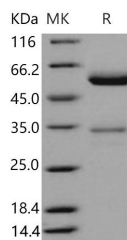
## Description

<b>Synonyms</b>	9130004G24;AA638916;ESTM33;JAM;JAM-1;JAM-A;Jcam;Jcam1;Ly106
<b>Species</b>	Mouse
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Met 1-Ala 242
<b>Accession</b>	NP_766235.1
<b>Calculated Molecular Weight</b>	50.2 kDa
<b>Observed molecular weight</b>	57 kDa
<b>Tag</b>	C-hFc

## Properties

<b>Purity</b>	> 94 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 94 % as determined by reducing SDS-PAGE.

## Background

Junctional adhesion molecule-A (JAM-A), also known as F11 receptor (F11R) or Cluster of Differentiation 321 (CD321), is a transmembrane protein expressed at tight junctions of epithelial and endothelial cells, as well as on circulating leukocytes. JAM-A protein serves as a serotype-independent receptor for mammalian orthoreoviruses (reoviruses). It is also a ligand for the integrin LFA1, involves in leukocyte transmigration. As a cell adhesion molecule of the immunoglobulin superfamily, JAM-A protein involves in platelet adhesion, secretion and aggregation, and plays a crucial role in inflammatory thrombosis and atherosclerosis. In addition, it may be a potential therapeutic target for breast cancer.

## For Research Use Only

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