

Recombinant Human F11R Protein

Cat. No. F11R-181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human F11R(Ser28-Val238) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser28-Val238
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 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.
Form	Lyophilized from a 0.2 M filtered solution of 20mM Tris-HCl, 50mM NaCl, 100mM Glycine, pH 7.5.
Molecular Mass	23.9 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Storage	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Concentration	Resuspend the protein to the desired concentration in proper buffer.

GENE INFORMATION

Gene Name	F11R F11 receptor [Homo sapiens]
Official Symbol	F11R
Synonyms	F11R; F11 receptor; JAM1, junctional adhesion molecule 1; junctional adhesion molecule A; CD321; JAM 1; JAM A; JAMA; JCAM; PAM 1; platelet F11 receptor; platelet adhesion molecule 1; junctional adhesion molecule 1; JAM; KAT; JAM1; PAM-1;
Gene ID	50848
mRNA Refseq	NM_016946
Protein Refseq	NP_058642
MIM	605721
UniProt ID	Q9Y624

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