

Recombinant Full Length Human F11R Protein

Cat. No. F11R-4478HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human F11R full-length ORF (NP_058642.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	314 amino acids
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. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	32.6 kDa
AA Sequence	MGTKAQVERKLLCLFILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSCAYSGFSSP RVEWKFDQGDTRRLVCYNNKITASYEDRVTFLLPTGITFKSVTREDTGTYTCMVSEEG GNSYGEVKVKLIVLVPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPEYTWFKDGIVM

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PTNPKSTRAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRM
EAVERNVGVIVA AVLVTLLLGILVFGIWFAYS RGHFDRTKKGTSSKKVIYSQPSARSE
GEFKQTSSFLV

Applications

Antibody Production
Functional Study
Compound Screening

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

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

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MIM	605721
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UniProt ID	Q9Y624
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