

Recombinant Human F11R Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. F11R-6491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	F11R MS Standard C13 and N15-labeled recombinant protein (NP_653087) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	32.6 kDa
AA Sequence	MGTKAQVERKLLCLFILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSCAYSGFSSP RVEWKFDQGDTRLVCYNNKITASYEDRVTFLLPTGITFKSVTREDTGTYTCMVSEEG GNSYGEVKVKLIVLPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPEYTWFKDGIVM PTNPKSTRAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRM

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EAVERNVGVIVA AVLVTLLILGILVFGIWFAYS SRGHFDRTKKGTSSKKVIYSQPSARSE
GEFKQTSSFLVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name F11R F11 receptor [*Homo sapiens* (human)]

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_144504

Protein Refseq NP_653087

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MIM 605721

UniProt ID Q9Y624

SDS-PAGE



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