

Recombinant Human F11R Protein, GST-tagged

Cat. No. F11R-3605H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human F11R full-length ORF (AAH01533, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	58.63 kDa
AA Sequence	MGTKAQVERKLLCLFILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSCAYSGFSSP RVEWKFDQGDTRRLVCYNNKITASYEDRVTFLLPTGITFKSVTREDTGTYTTCMVSEEG GNSYGEVKVKLIVLPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPEYTWFKDGIVM PTNPKSTRAFSNSSYVLNPTTGELVDFPLSASDTGEYSCEARNGYGTPMTSNAVRM EAVERNVGIVAAVLVTLILLGILVFGIWFAYSRRGHFDRTKKGTSSKKVIYSQPSARSE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GEFKQTSSFLV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution 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

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UniProt ID

Q9Y624

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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