

# Recombinant Full Length Human F11R Protein, GST-tagged

Cat. No. F11R-4480HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human F11R full-length ORF ( AAH01533, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	299 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	58.63 kDa
<b>AA Sequence</b>	MGTKAQVERKLLCLFILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSCAYSGFSSP RVEWKFDQGDTRRLVCYNNKITASYEDRVTFLLPTGITFKSVTREDTGTYTTCMVSEEG GNSYGEVKVKLIVLPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPEYTWFKDGIVM PTNPKSTRAFSSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMSTNAVRM

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EAVERNVGVIVA AVLVTLLILGILVFGIWFAYS RGHFDRTKKGTSSKKVIYSQPSARSE  
GEFKQTSSFLV

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	F11R F11 receptor [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	<a href="#">F11R</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">50848</a>
<b>mRNA Refseq</b>	<a href="#">NM_016946</a>
<b>Protein Refseq</b>	<a href="#">NP_058642</a>



<b>MIM</b>	605721
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<b>UniProt ID</b>	Q9Y624
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