

## Recombinant Mouse F11r Protein, His-tagged

Cat. No. F11r-1448M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse F11r Protein (Lys27-Gly238) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys27-Gly238
<b>Description</b>	Predicted to enable PDZ domain binding activity; integrin binding activity; and protein homodimerization activity. Involved in intestinal absorption; regulation of cytokine production; and regulation of membrane permeability. Acts upstream of or within cell adhesion and epithelial cell differentiation. Located in bicellular tight junction. Is expressed in several structures, including 4-8 cell stage embryo; alimentary system; respiratory system; sensory organ; and urinary system. Human ortholog(s) of this gene implicated in hypertension. Orthologous to human F11R (F11 receptor).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.5 kDa Accurate Molecular Mass: 30 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	F11r F11 receptor [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	F11r
<b>Synonyms</b>	F11r; F11 receptor; junctional adhesion molecule A; JAM; Jcam; JAM-1; JAM-A; Jcam1; Ly106; ESTM33; AA638916; 9130004G24; BV11 antigen; F11 receptor/F11R; junction cell adhesion molecule A; junction cell adhesion molecule1; junctional adhesion molecule 1
<b>Gene ID</b>	16456
<b>mRNA Refseq</b>	NM_172647
<b>Protein Refseq</b>	NP_766235
<b>UniProt ID</b>	O88792

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