

Recombinant Mouse F11r Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse F11r Protein (Lys27-Gly238) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Lys27-Gly238
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.5 kDa Accurate Molecular Mass: 30 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	F11r F11 receptor [<i>Mus musculus</i> (house mouse)]
Official Symbol	F11r
Synonyms	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
Gene ID	16456
mRNA Refseq	NM_172647
Protein Refseq	NP_766235
UniProt ID	O88792

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