Recombinant Rat F11r Protein, His-tagged

Cat. No. F11r-1449R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat F11r Protein (Lys27-Gly238) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Lys27-Gly238
Description	Predicted to enable PDZ domain binding activity; integrin binding activity; and protein homodimerization activity. Involved in cell differentiation; positive regulation of blood pressure; and response to radiation. Located in cytoplasmic vesicle and slit diaphragm. Biomarker of hypertension; peptic esophagitis; and transient cerebral ischemia. Human ortholog(s) of this gene implicated in hypertension. Orthologous to human F11R (F11 receptor).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.6 kDa Accurate Molecular Mass: 30 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 [Rattus norvegicus (Norway rat)]
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	116479
mRNA Refseq	NM_053796
Protein Refseq	NP_446248
UniProt ID	Q9JHY1

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