

F11R recombinant protein

F11R, 26-238aa, Human, His tag, E Coli

CATALOG # AAA48714	HOST E Coli	APPLICATIONS SDS-Page
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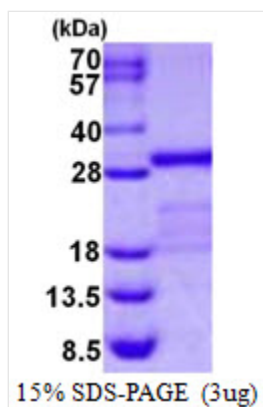
PRODUCT SYNONYMS

F11R; 26-238aa; Human; His tag; E Coli; Junctional adhesion molecule A; CD321; JAM; JAM1; JAMA; JCAM; KAT; PAM-1; F11R recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT
Concentration	1 mg/ml (determined by BCA assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSFMLGSVT VHSSEPEVRI PENNPVKLSC AYSGFSSPRV EWKFDQGDIT RLVCYNNKIT ASYEDRVTFI PTGITFKSVT REDTGTYTEM VSEEGGNSYG EVKVKLIVLV PPSKPTVNIP SSATIGNRAV LTCSEQDGSP PSEYTWFKDG IVMPNPKST RAFSNSSYVL NPTTGELVFD PLSASDTGEY SCEARNGYGT PMTSNAVRME AVERNIVG
Sequence Length	299
Applicable Applications for F11R recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	26-238aa
Preparation and Storage	Can be stored at 2°C to 8°C for one week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for F11R recombinant protein	F11R, also known as CD321, belongs to the immunoglobulin superfamily. It seems to plays a role in epithelial tight junction formation. 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. F11R 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. Recombinant human F11R protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for F11R recombinant protein	Cytoskeleton
References	Murakami,M., et al. (2011) PLoS ONE 6 (6), E21242

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393638
NCBI GeneID	50848
NCBI Accession #	NP_058642
NCBI GenBank Nucleotide #	NM_016946.5
UniProt Accession #	Q9Y624; B7Z941
Molecular Weight	25.8kDa (238aa), confirmed by MALDI-TOF
NCBI Official Full Name	junctional adhesion molecule A isoform 1
NCBI Official Synonym Full Names	F11 receptor
NCBI Official Symbol	F11R
NCBI Official Synonym Symbols	JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1
NCBI Protein Information	junctional adhesion molecule A
UniProt Protein Name	Junctional adhesion molecule A
UniProt Gene Name	F11R
UniProt Synonym Gene Names	JAM1; JCAM; JAM-A; JAM-1; PAM-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.