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32-3780: F11R Recombinant Protein

Alternative Name :	Junctional adhesion molecule A,JAM-A,Junctional adhesion molecule 1,JAM-1,Platelet F11 receptor,Platelet adhesion molecule 1,PAM-1,CD321,F11R,JAM1,JCAM,JAM,KAT,JAMA.

Description

Source : Escherichia Coli. F11R Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (26-238 a.a) and having a molecular mass of 25.8kDa.F11R is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. F11R (CD321) is a member of the immunoglobulin superfamily. F11R has a role in epithelial tight junction formation. Tight junctions exemplify one type of cell-to-cell adhesion in epithelial or endothelial cell sheets, establishing continuous seals around cells and acting as a physical barrier to thwart solutes and water from passing easily through the paracellular space. F11R protein can function as a receptor for reovirus, or as a ligand for the integrin LFA1, involved in leukocyte transmigration, or a platelet receptor.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	F11R protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.15M NaCl and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMLGSVT VHSSEPEVRI PENNPVKLSC AYSGFSSPRV EWKFDQGDTT RLVCYNNKIT ASYEDRVTFL PTGITFKSVT REDTGTYTCM VSEEGGNSYG EVKVKLIVLV PPSKPTVNIP SSATIGNRAV LTCSEQDGSP PSEYTWFKDG IVMPTNPKSTRAFSNSSYVL NPTTGELVFD PLSASDTGEY SCEARNGYGT PMTSNAVRME AVERNVGV.

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