

F11R, 26-238aa, Human, His tag, E.coli

Cat.NO.: TP02065

3th Edition

Synonyms:Junctional adhesion molecule A, CD321, JAM, JAM1, JAMA, JCAM, KAT, PAM-1.

Description:F11R, also known as CD321, belongs to the immunoglobulin superfamily. It seems to play 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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.15M NaCl, 1mM DTT

Molecular Weight:25.8kDa (238aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMLGSVTVHSSEPEVRIPENNPVKLSCAYSGFSSPRVEWKFDQGDTRRLVC
YNNKITASYEDRVTFLLPTGITFKSVTREDTGTYTCMVSEEGGNSYGEVKVKLIVLVPPSKPTVNIPSSATIGNRAVLT
CSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAV
RMEAVERNVGV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by BCA assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.