

Product datasheet for AR50380PU-S

CD321 / JAM1 (26-238, His-tag) Human Protein

Product data:

Synonyms:

Product Type: Recombinant Proteins Description: CD321 / JAM1 (26-238, His-tag) human recombinant protein, 0.1 mg Species: Human E. coli **Expression Host:** MGSSHHHHHH SSGLVPRGSH MGSHMLGSVT VHSSEPEVRI PENNPVKLSC AYSGFSSPRV **Expression cDNA Clone** or AA Sequence: EWKFDQGDTT RLVCYNNKIT ASYEDRVTFL PTGITFKSVT REDTGTYTCM VSEEGGNSYG EVKVKLIVLV PPSKPTVNIP SSATIGNRAV LTCSEQDGSP PSEYTWFKDG IVMPTNPKST RAFSNSSYVL NPTTGELVFD PLSASDTGEY SCEARNGYGT PMTSNAVRME AVERNVGV Tag: His-tag Predicted MW: 25.8 kDa **Concentration:** lot specific >90% by SDS - PAGE **Purity: Buffer:** Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.15M NaCl, 1 mM DTT **Preparation:** Liquid purified protein **Protein Description:** Recombinant human F11R protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. Stability: **RefSeq:** NP 001335020 50848 Locus ID: **UniProt ID:** Q9Y624 Cytogenetics: 1q23.3



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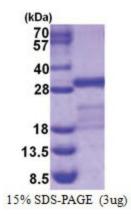
CD321; JAM; JAM1; JAMA; JCAM; KAT; PAM-1

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| | CD321 / JAM1 (26-238, His-tag) Human Protein – AR50380PU-S |
|------------------|--|
| Summary: | 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. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded 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. Multiple 5' alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established. [provided by RefSeq, Jul 2008] |
| Protein Families | Druggable Genome, Transmembrane |
| Protein Pathway | s: Cell adhesion molecules (CAMs), Epithelial cell signaling in Helicobacter pylori infection, Leukocyte transendothelial migration, Tight junction |

Product images:



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