

32-7422: Recombinant Human Junctional Adhesion Molecule A/JAM-A/CD321 (C-6His)

Gene : F11R
Gene ID : 50848
Uniprot ID : Q9Y624

Description

Source: Human Cells.
MW :23.89kD.

Recombinant Human JAM-A is produced by our Mammalian expression system and the target gene encoding Ser28-Val238 is expressed with a 6His tag at the C-terminus. Junctional Adhesion Molecule A (JAM-A) is a single-pass type I membrane protein that belongs to the immunoglobulin superfamily. JAM-A contains 2 Ig-like V-type (immunoglobulin-like) domains and interacts with the ninth PDZ domain. JAM-A is localized to the tight junctions of both epithelial and endothelial cells. JAM-A seems to be involved in epithelial tight junction formation. JAM-A appears early in primordial forms of cell junctions and recruits PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM-A, thereby preventing tight junction assembly. JAM-A plays a role in regulating monocyte transmigration involved in regulating integrity of the epithelial barrier. In the case of orthoreovirus infection, JAM-A serves as receptor for the virus.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 50mM NaCl, 100mM Glycine, pH 7.5.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : SVTVHSSEPEVRIPENNPVKLS CAYSGFSSPRVEWKFDQGD TTRLVCYNNKITASYEDRVTF LPTGITFKSVTRE
DTGTYTCMVSEEGNSYGEVKV KLIVLPSPKPTVNIPSSATIGNRAVLT CSEQDGSPSEYTWFKD GIVMPTNP
KSTRAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGT PMSNAVRMEAVERNVGV DHHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.