

32-13274: JAM2 Human, Sf9

Alternative Name : Junctional Adhesion Molecule 2, Vascular Endothelial Junction-Associated Molecule, C21orf43, VE-JAM, JAM-2, JAM-B, VEJAM, Junctional Adhesion Molecule B, JAM-IT/VE-JAM, CD322 Antigen, PRO245, CD322, JAMB, Junctional adhesion molecule B.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Junctional Adhesion Molecule 2 (JAM2) is a member of the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. JAM2 is a type I membrane protein which is localized at the tight junctions of both epithelial and endothelial cells. JAM2 functions as an adhesive ligand for interacting with various immune cell types, and may have a role in lymphocyte homing to secondary lymphoid organs.

JAM2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 452 amino acids (29-238a.a.) and having a molecular mass of 50.7kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). JAM2 is expressed with a 239 amino acid hlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : JAM2 protein solution (0.5mg/ml) contains 50% glycerol, 1mM DTT & Phosphate Buffered Saline (pH 7.4).

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 : ADPFSAPKDQ QVVTAVEYQE AILACKTPKK TVSSRLEWKK LGRSVSFVYY QQTLQGDFKN RAEMIDFNIR IKNVTRSDAG KYRCEVSAPS EQGQNLEEDT VTLEVLVAPA VPSCEVPSSA LSGTVVELRC QDKEGNPAPE YTWFKDGIRL LENPRLGSQS TNSSYTMNTK TGTLQFNTVS KLDTEYSCE ARNSVGYYRR PGKRMQVDDL NISLEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNNALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKNÂ QVSLTCLVKG FYPSDIAVEW ESNQGPENNY KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.