

32-4031: Recombinant Human Junctional Adhesion Molecule 2

Alternative Name : Junctional adhesion molecule B,JAM-B,Junctional adhesion molecule 2,JAM-2,Vascular endothelial junction-associated molecule,VE-JAM,CD322.

Description

Source : Escherichia Coli. JAM2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 241 amino acids (21-238) and having a molecular mass of 26.7kDa. JAM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg

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

Content : JAM2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

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 SSSLVPRGSH MGSLGYHKAY GFSAPKDQQV VTAVEYQEAI LACKTPKKTV
SSRLEWKKLG RSVSFVYYQQ TLQGDFKNRA EMIDFNIRIK NVTRSDAGKY RCEVSAPSEQ GQNLEEDTVT
LEVLVAPAVP SCEVPSSALS GTVVELRCQD KEGNPAPEYT WFKDGIRLLE NPRLGSQSTN SSYTMNTKTG
TLQFNTVSKL DTGEYSCEAR NSVGYRRCPG KRMQVDDLNI S.

