

Product information



JAM2, 21-238aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1874

Full name: Junctional adhesion molecule B

NCBI Accession No.: NP_067042

Synonyms: C21orf43, CD322, JAM-B, JAMB, PRO245, VE-JAM, VEJAM

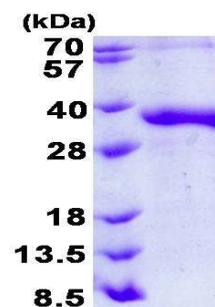
Description: JAM2, also known as CD322, belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. JAM2 is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Recombinant human JAM2 protein, fused to His-tag at N-terminus, was expressed in *E.coli*

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight: 26.7 kDa (241aa)

Purity: > 90% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSLGYHKAY GFSAPKQQV VTAVEYQEI LACKTPKKTV SSRLWKKLG RSVSFVYYQQ TLQGDFKNRA
EMIDFNIRIK NVTRSDAGKY RCEVSAPSEQ GQNLEEDTVT LEVLVAPAVP SCEVPSSALS GTVVVLRQCQ KEGNPAPEYT WFKDGI RLLE
NPRLGSGSTN SSYTMNTKTG TLQFNTVSKL DTGEYSCEAR NSVGYRRCPG KRMQVDDLNI S

General references:

Zhang Z., et al. (2004) *Protein Sci.* 13:2819-2824

Liu T., et al. (2005) *J. Proteome Res.* 4:2070-2080

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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