

**JAM2, 21-238aa, Human, His tag, E.coli**

**Cat.NO.: TP02704**

3th Edition

**Synonyms:**Junctional adhesion molecule B, 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)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSLGYHKAYGFSAPKDQQVVTAVEYQEAILACKTPKKTVSSRLEWKKLGRSVS  
FVYYQQTQLQGDFKNRAEMIDFNIRIKNVTRSDAGKYRCEVSAPSEQGQNLEEDTVTLEVLVAPAVPSCEVPSSALS  
GTVVELRCQDKEGNPAPEYTWFKDGIKLLNPRLGSQSTNSSYTMNTKTGTLQFNTVSKLDTGEYSCEARNSVGY  
RRCPGKRMQVDDLNIS

**Purity:**> 95% by HPLC

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

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.