Recombinant Human JAM2, His-tagged

Cat. No. JAM2-7092H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human JAM2 protein, fused to His-tag at N-terminus, was expressed in E.coli
Species	Human
Source	E.coli
ProteinLength	21-238aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea,10% glycerol
Molecular Mass	26.7 kDa (241aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLGYHKAY GFSAPKDQQV VTAVEYQEAI LACKTPKKTV SSRLEWKKLG RSVSFVYYQQ TLQGDFKNRA EMIDFNIRIK NVTRSDAGKY RCEVSAPSEQ GQNLEEDTVT LEVLVAPAVP SCEVPSSALS GTVVELRCQD KEGNPAPEYT WFKDGIRLLE NPRLGSQSTN SSYTMNTKTG TLQFNTVSKL DTGEYSCEAR NSVGYRRCPG KRMQVDDLNI S

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	JAM2 junctional adhesion molecule 2 [Homo sapiens]
Official Symbol	JAM2
Synonyms	JAM2; junctional adhesion molecule 2; C21orf43; junctional adhesion molecule B; CD322; JAM B; JAMB; VE JAM; JAM-2; JAM-IT/VE-JAM; vascular endothelial junction-associated molecule; JAM-B; VEJAM; PRO245; VE-JAM;
Gene ID	58494
mRNA Refseq	NM_021219
Protein Refseq	NP_067042
MIM	606870
UniProt ID	P57087
Chromosome Location	21q21.2

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Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori infection, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori infection, conserved biosystem; Hemostasis, organism-specific biosystem; Integrin cell surface interactions, organism-specific biosystem;
Function	protein binding; protein heterodimerization activity;

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