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## Datasheet for ABIN7318693 JAM2 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	JAM2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAM2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human JAM-B/CD322 Protein (His Tag)
Sequence:	Phe29-Asn236
Characteristics:	Recombinant Human Junctional Adhesion Molecule B is produced by our Mammalian expression system and the target gene encoding Phe29-Asn236 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	JAM2
Alternative Name:	JAM-B/CD322 ( <a href="#">JAM2 Products</a> )
Background:	Background: Junctional Adhesion Molecule B (JAM-B) is a single-pass type I membrane protein that belongs to the junctional adhesion molecules family. JAM-B includes a signal sequence (aa

## Target Details

1-28), an extracellular region (aa 29-238) with one Ig-like C2-type domain and one Ig-like V-type domain, a transmembrane segment (aa 239-259), and a cytoplasmic domain (aa 260 - 298). JAMB is localized to the tight junctions between endothelial cells or epithelial cells. JAM-B is prominently expressed in the heart, placenta, lung, foreskin and lymph node. It is also present on the endothelia of other vessels. JAM-B 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.

Synonym: Junctional Adhesion Molecule B, JAM-B, Junctional Adhesion Molecule 2, JAM-2, Vascular Endothelial Junction-Associated Molecule, VE-JAM, CD322, JAM2, C21orf43, VEJAM

Molecular Weight: 24.3 kDa

UniProt: [P57087](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.