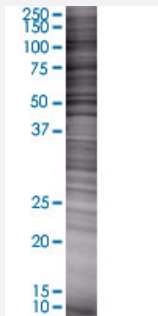


JAM2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00058494-T01

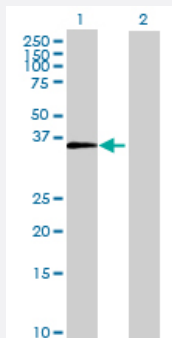
Size 100 uL

Applications



SDS-PAGE Gel

JAM2 transfected lysate.



Western Blot

Lane 1: JAM2 transfected lysate (32.89 KDa)

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------------|-----------------------|
| Transfected Cell Line | 293T |
| Plasmid | pCMV-JAM2 full-length |
| Host | Human |
| Theoretical MW (kDa) | 32.89 |
| Interspecies Antigen Sequence | Mouse (79); Rat (80) |

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-JAM2 antibody ([H00058494-B01](#)) by Western Blots.
SDS-PAGE Gel
JAM2 transfected lysate.
Western Blot
Lane 1: JAM2 transfected lysate (32.89 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — JAM2

Entrez GeneID

[58494](#)

GeneBank Accession#

[NM_021219.2](#)

Protein Accession#

[NP_067042.1](#)

Gene Name

JAM2

Gene Alias

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

Gene Description

junctional adhesion molecule 2

Omim ID

[606870](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is localized in the tight junctions between high 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. [provided by RefSeq]

Other Designations

JAM-IT/VE-JAM|OTTHUMP00000096100|junctional adhesion molecule B|vascular endothelial junction-associated molecule

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)