

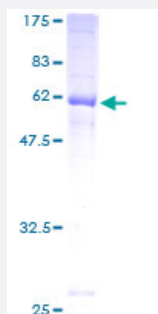
Full-Length

JAM2 (Human) Recombinant Protein (P01)

Catalog # H00058494-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human JAM2 full-length ORF (AAH17779, 29 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

FSAPKDQQVVTAVEYQEAILACKTPKKTVSSRLEWKKLGRSVSFVYYQQLQGDFKNRAEMIDFN
IRIKNVTRSDAGKYRCEVSAPSEQQNLEEDTVTLEVLVAPAVPSCEVPSSALSGTVVELRCQDK
EGNPAPEYTWFKDGIRLLENPRLGSQSTNSSYTMNTKTGTLQFNTVSKLDTGEYSCEARNVGYR
RCPGKRMQVDDLNIISGIIA VVVVALVISVCGLGVCYAQRKGYSKETS FQKSNSSSKATTMSEN
DFKHTKSFI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.44

Interspecies Antigen Sequence

Mouse (79); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — JAM2

Entrez GeneID[58494](#)**GeneBank Accession#**[BC017779](#)**Protein Accession#**[AAH17779](#)**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](#)