

Proteoliposomes

Full-Length

JAM2 (Human) Recombinant Protein

Catalog # H00058494-G01

Size 10 ug

Specification

Product Description

Human JAM2 full-length ORF (NP_067042.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MARRSRHRLLLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILACKTPKKTVSSRLEWKK
LGRSVSFVYYQQLQGDFKNRAEMIDFNIRIKNVTRSDAGKYRCEVSAPSEQGQNLEEDTVTLEVL
VAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYTWFKDGIRLLENPRLGSQSTNSSYTMNTK
TGTLQFNTVSKLDTGEYSCEARNSVGYYRCPGKRMQVDDLNISGIIAAVVVVVALVISVCGLGVCYA
QRKGYFSKETSFQKSNSSSKATTMSEDFKHTKSFII

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

33.2

Interspecies Antigen Sequence

Mouse (79); Rat (80)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

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](#)