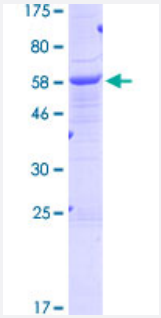
Full-Length

JAM3 (Human) Recombinant Protein (P01)

Catalog # H00083700-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human JAM3 full-length ORF (AAH12147.1, 1 a.a. - 310 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW KKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRANPRFRNSSFHLN SETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDLNIGGIIGGVLVVLAVLALITLGICCA YRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEGDFRHKSSFVI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	61.4
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.

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Applications

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

Gene Info — JAM3

Entrez GeneID	83700
GeneBank Accession#	BC012147.1
Protein Accession#	AAH12147.1
Gene Name	JAM3
Gene Alias	FLJ14529, JAM-C, JAMC
Gene Description	junctional adhesion molecule 3
Omim ID	606871
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. Unlike other proteins in this family, the this protein is unable to adhere to leukocyte cell lines and only forms weak homotypic interactions. The encoded protein is a member of the junctional adhesion molecule protein family and acts as a receptor for another member of this family. [provided by RefSeq
Other Designations	junctional adhesion molecule C

Pathway

- Cell adhesion molecules (CAMs)

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- Epithelial cell signaling in Helicobacter pylori infection
- Leukocyte transendothelial migration
- Tight junction

Disease

- Bipolar Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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