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Datasheet for ABIN1880658 JAM2 Protein (AA 29-236) (Fc Tag)



Overview

Quantity:	50 µg
Target:	JAM2
Protein Characteristics:	AA 29-236
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAM2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Junctional Adhesion Molecule B/JAM-B/CD322 (C-Fc)
Sequence:	FSAPKDQQVV TAVEYQEAIL ACKTPKKTVS SRLEWKKLGR SVSFVYYQQT LQGDFKNRAE MIDFNIRIKN VTRSDAGKYR CEVSAPSEQG QNLEEDTVTL EVLVAPAVPS CEVPSSALSG TVVELRCQDK EGNPAPEYTW FKDGIRLLEN PRLGSQSTNS SYTMNTKTGT LQFNTVSKLD TGEYSCEARN SVGYRRCPGK RMQVDDLNVD DIEGRMDEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ
	QGNVFSCSVM HEALHNHYTQ KSLSLSPGK
Characteristics:	Recombinant Human Junctional Adhesion Molecule B/JAM-B produced by transfected human cells is a secreted protein with sequence(Phe29-Asn236) of Human JAM2 fused with a FC tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

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Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	JAM2
Alternative Name:	Junctional Adhesion Molecule B/JAM-B (JAM2 Products)
Background:	Junctional Adhesion Molecule B (JAM-B) is a single-pass type I membrane protein that belongs
	to the juctional adhesion molecules family. JAM-B includes a signal sequence (aa 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.
Molecular Weight:	50.3 kDa
UniProt:	P57087
Application Details	
Restrictions:	For Research Use only
Handling	
Hanuling	
Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 μ g/mL.
	Dissolve the lyophilized protein in ddH2O.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles
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Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4 .
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20 $^{\circ}$ C for 3 months.

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