9051 Mira Mesa Blvd, #910094
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JAM3 Human

Junctional Adhesion Molecule 3 Human Recombinant
RCP1142

Product Overview

Name	JAM3 Human
Description	
Junctional Adhesion Molecule 3 Human Recombinant	
Accession (Primary)	Q9BX67
Synonyms	
Junctional Adhesion Molecule 3, Junctional Adhesion Molecule C, JAM-C, JAM-2, JAM-3.	
Introduction	
JAM3 belongs to the junctional adhesion molecule protein family and functions as a receptor for another member of this family. JAM3 plays a part in cell-cell adhesion. The soluble form of JAM3 is a mediator of angiogenesis. JAM3 is a counter-receptor for ITGAM, mediating leukocyte-platelet interactions and is involved in the regulation of transepithelial migration of polymorphonuclear neutrophils (PMN). A mutation in an intron of the JAM3 gene is linked with hemorrhagic destruction of the brain, subependymal calcification, and congenital cataracts.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The JAM3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM EDTA, 5mM DTT and 50% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSM VNLKSS NRTPVVQEFE SVELSCIITD SQTSDPRIEW KKIQDEQTTY VFFDNKIQGD LAGRAEILGK TSLKIWNVTR RDSALYRCEV VARNDRKEID EIVIELTVQV KPVTPVCRVP KAVPVGKMAT LHCQESEGHP RPHYSWYRND VPLPTDSRAN PRFRNSSFHL NSETGTLVFT AVHKDDSGQY YCIASNDAGS ARCEEQEMEV YDLN	

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Precautions

JAM3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BX67)