

## 32-4032: Recombinant Human Junctional Adhesion Molecule 3

**Alternative Name :** Junctional Adhesion Molecule 3, Junctional Adhesion Molecule C, JAM-C, JAM-2, JAM-3.

### Description

Source : E.coli. JAM3 Human Recombinant produced in E. coli is a single polypeptide chain containing 234 amino acids (32-241) and having a molecular mass of 26.0 kDa. JAM3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The JAM3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM EDTA, 5mM DTT and 50% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MGSMVNLKSS NRTPVQFEF SVELSCIITD SQTSDPRIEW KKIQDEQTTY VFFDNKIQGD LAGRAEILGK TSLKIWNVTR RDSALYRCEV VARNDRKEID EIVIELTVQV KPVPVCRVP KAVPVGKMAT LHCQESEGHP RPHYSWYRND VPLPTDSRAN PRFRNSSFHL NSETGTLVFT AVHKDDSGQY YCIASNDAGS ARCEEQEMEV YDLN

