
Product Data Sheet

Product Name: JAM3 Human
 Cat. No.: GP23722
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Junctional Adhesion Molecule 3; Junctional Adhesion Molecule C; JAM-C; JAM-2; JAM-3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMVNLKSS NRTPVVQEFE SVELSCIITD SQTSDPRIEW KKIQDEQTTY VFFDNKIQGD LAGRAEILGK TSLKIWNVTR RDSALYRCEV VARNDRKEID EIVIELTVQV KPVTPVCRVP KAVPVGKMAT LHCQESEGHP RPHYSWYRND VPLPTDSRAN PRFRNSSFHL NSETGLTVFT AVHKDDSGQY YCIASNDAGS ARCEEQEMEV YDLN		
Formulation	The JAM3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM EDTA, 5mM DTT and 50% glycerol.		

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.

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.

Background

JAM3 Human Recombinant produced in E. coli is a single polypeptide chain containing

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA