
Product Data Sheet

Product Name: JAM2 Human
 Cat. No.: GP23720
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Junctional adhesion molecule B; JAM-B; Junctional adhesion molecule 2; JAM-2; Vascular endothelial junction-associated molecule; VE-JAM; CD322.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLGYHKAY GFSAPKDQQV VTAVEYQEAI LACKTPKKTV SSRLEWKKLG RSVSFVYYQQ TLQGDFKNRA EMIDFNIRIK NVTRSDAGKY RCEVSAPSEQ GQNLEEDTVT LEVLVAPAVP SCEVPSSALS GTVVELRCQD KEGNPAPEYT WFKDGIRLLE NPRLGSQSTN SSYTMNTKTG TLQFNTVSKL DTGEYSCEAR NSVGYRRCPG KRMQVDDLNI S.		
Formulation	JAM2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

Introduction

Junctional Adhesion Molecule 2 (JAM2) is a member of the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. JAM2 is a type I membrane protein which is localized at the tight junctions of both epithelial and endothelial cells. JAM2 functions as an adhesive ligand for interacting with various immune cell types, and may have a role in lymphocyte homing to secondary lymphoid organs.

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

JAM2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 241 amino acids (21-238) and having a molecular mass of 26.7kDa.

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

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JAM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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