
Product Data Sheet

Product Name: HEPACAM2 Human
 Cat. No.: GP23632
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	HEPACAM family member 2 isoform 1; MIK1; HEPACAM family member 2; Mitotic kinetics regulator; HEPACAM2; UNQ305/PRO346.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLKVTVPS HTVHGVRGQA LYLPVHYGFH TPASDIQIIW LFERPHTMPK YLLGSVNKSV VPDLEYQHKF TMMPPNASLL INPLQFPDEG NYIVKVNIQG NGTLSASQKI QVTVDDPVTK PVVQIHPPSG AVEYVGNMTL TCHVEGGTRL AYQWLKNGRP VHTSSTYSFS PQNNTLHIAP VTKEDIGNYS CLVRNPVSEM ESDIIMPPIY YGPYGLQVNS DKGLKVGEVF TVDLGEAILF DCSADSHPPN TYSWIRRTDN TTYIIKHGPR LEVASEKVAQ KTM DYVCCAY NNITGRQDET HFTVIITSVG LEKLAQKGKS LSP.		
Formulation	The HEPACAM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

HEPACAM2 is necessary during prometaphase for centrosome maturation. Following poly-ADP-ribosylation (PARsylation) by TNKS, HEPACAM2 translocates from the Golgi apparatus to mitotic centrosomes and takes a significant part in the formation of robust microtubules for quick movement of chromosomes.

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

HEPACAM2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (32-351) and having a molecular mass of

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37.9 kDa. HEPACAM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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