

# Recombinant human HEPACAM2 protein

Catalog Number: ATGP2287

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

32-351aa

### UniProt No.

A8MVW5

### NCBI Accession No.

NP\_001034461

### Alternative Names

HEPACAM family member 2 isoform 1, MIKI

## PRODUCT SPECIFICATION

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### Molecular Weight

37.9 kDa (343aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

HEPACAM2 is required during prometaphase for centrosome maturation. Following poly-ADP-ribosylation (PARsylation) by TNKS, this protein translocates from the Golgi apparatus to mitotic centrosomes and plays a key role in the formation of robust microtubules for prompt movement of chromosomes. Recombinant human HEPACAM2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSLKVTVPS HTVHGVRGQA LYLPVHYGFH TPASDIQIIW LFERPHTMPK YLLGSVNKSV

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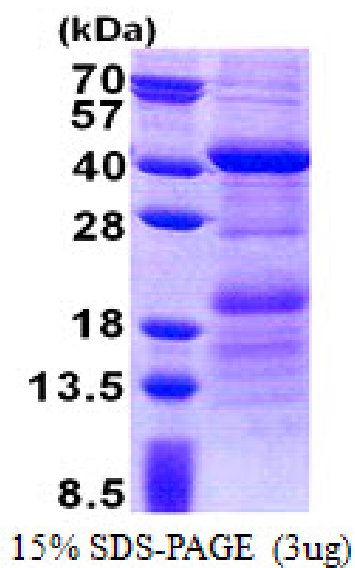
VPDLEYQHKF TMMPPNASLL INPLQFPDEG NYIVKVNIQG NGTLSASQKI QVTVDDPVTK PVVQIHPPSG AVEYVGNMTL  
TCHVEGGTRL AYQWLKNGRP VHTSSTYSFS PQNNTLHIAP VTKEDIGNYS CLVRNPVSEM ESDIIMPIIY YGPYGLQVNS  
DKGLKVGEVF TVDLGEAILF DCSADSHPPN TYSWIRRTDN TTYIHKHGPR LEVASEKVAQ KTMDYVCCAY NNITGRQDET  
HFTVIITSVG LEKLAQKGKS LSP

## General References

Klopfleisch R., et al. (2010) BMC Vet Res. 15:6-15.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.