

Recombinant human HEPACAM2 protein

Catalog Number: ATGP2287

PRODUCT INFORMATION

Expression system

E.coli

Domain

32-351aa

UniProt No.

A8MVW5

NCBI Accession No.

NP_001034461

Alternative Names

HEPACAM family member 2 isoform 1, MIK1

PRODUCT SPECIFICATION

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

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

MGSSHHHHHH SSGLVPRGSH MGSLKVTGPS HTVHGVRGQA LYLPVHYGFH TPASDIQIIW LFERPHTMPK YLLGSVNKSV

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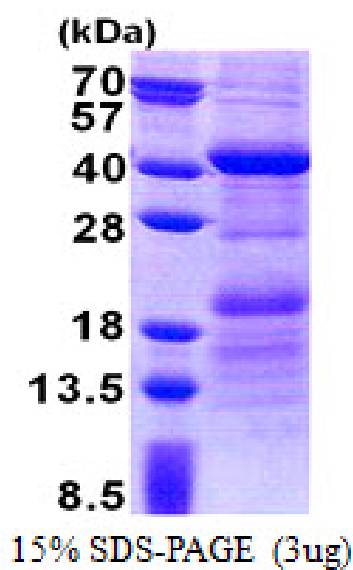
VPDLEYQHKE TMMPPNASLL INPLQFPDEG NYIVKVNIQG NGTSLASQKI QVTVDPPVTK PVVQIHPPSG AVEYVGNMTL
TCHVEGGTRL AYQWLKNGRP VHTSSTYSFS PQNNTLHIAP VTKEDIGNYS CLVRNPVSEM ESDIIMPIIY YGPYGLQVNS
DKGLKVGVEF TVDLGEAILF DCSADSHPPN TYSWIRRTDN TTYIHKHGPR LEVASEKVAQ KTMDYVCCAY NNITGRQDET
HFTVIITSVG LEKLAQKGKS LSP

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.