

# Recombinant human alpha-Parvin protein

Catalog Number: ATGP1764

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-372aa

### UniProt No.

Q9NVD7

### NCBI Accession No.

NP\_060692

### Alternative Names

Alpha-parvin, CH-ILKBP, MXRA2

## PRODUCT SPECIFICATION

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### Molecular Weight

44.6 kDa (395aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### 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

Alpha-parvin, also known as PARVA, probably plays a role in the regulation of cell adhesion and cytoskeleton organization. This protein plays a role in ciliogenesis. Recombinant human PARVA protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MATSPQK SPSVPKSPTP KSPPSRKKDD SFLGKLGRTL ARRKKAKEVS  
ELQEEGMNAI NLPLSPIPFE LDPEDTMLEE NEVRTMVDPN SRSDPKLQEL MKVLIDWIND VLVGERIIVK DLAEDLYDGQ

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VLQKLFEKLE SEKLNVAEVT QSEIAQKQKL QTVLEKINET LKLPPRSIKW NVDSVHAKSL VAILHLLVAL SQYFRAPIRL  
PDHVSIVVWV VQKREGILQS RQIQEEITGN TEALSGRHER DAFDTLFDHA PDKLNVVKKT LITFVNKHLN KLNLEVTELE  
TQFADGVYLV LLMGLLEGYF VPLHSFFLTP DSFEQKVLNV SFAFELMQDG GLEKPKRPE DIVNCDLKST LRVLYNLFTK  
YRNVE

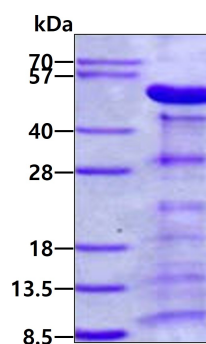
## General References

Nikolopoulos S.N., et al. (2000) J. Cell Biol. 151:1435-1448

Kim J., et al. (2010) Nature. 464:1048-1051

## DATA

### SDS-PAGE



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