

Recombinant Human Parvin, Alpha, His-tagged

Cat. No. PARVA-7196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PARVA protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 44.6 kDa.
Species	Human
Source	E.coli
ProteinLength	1-372aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	44.6 kDa (395aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMATSPQK SPSVPKSTPT KSPPSRKDD SFLGKLGGL ARRKKAKEVS ELQEEGMNAI NLPLSPIPFE LDPEDTMLEE NEVRTMVDPN SRSDPKLQEL MKVLIDWIND VLVGERIIVK DLAEDLYDGQ VLQKLFEKLE SEKLNVAEVT QSEIAQKQKL QTVLEKINET LKLPPRSIKW NVDSVHAKSL VAILHLLVAL SQYFRAPIRL PDHVSIVQVV VQKREGILQS RQIQEEITGN TEALSGRHER DAFDTLFDHA PDKLNVVKKT LITFVNKHLN KLNLEVTELE TQFADGVYLV LLMGLLEGYF VPLHSFFLTPT DSFEQKVLNV

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SFAFELMQDG GLEKPKPRPE DIVNCDLKST LRVLYNLFTK YRNVE

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [PARVA parvin, alpha \[Homo sapiens \]](#)

Official Symbol PARVA

Synonyms PARVA; parvin, alpha; matrix remodelling associated 2 , MXRA2; alpha-parvin; FLJ10793; FLJ12254; actopaxin; matrix-remodeling-associated protein 2; calponin-like integrin-linked kinase-binding protein; MXRA2; CH-ILKBP; FLJ25106; FLJ46049;

Gene ID [55742](#)

mRNA Refseq [NM_018222](#)

Protein Refseq [NP_060692](#)

MIM [608120](#)

UniProt ID [Q9NVD7](#)

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Chromosome Location	11p15.3
Pathway	Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-extracellular matrix interactions, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Localization of the PINCH-ILK-PARVIN complex to focal adhesions, organism-specific biosystem; Regulation of cytoskeletal remodeling and cell spreading by IPP complex components, organism-specific biosystem;
Function	actin binding; protein binding;

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