

## PARVA Protein, Human, Recombinant (His)

### General Information

Synonyms:	PARVA;CH-ILKBP;Actopaxin;Alpha-Parvin;Matrix-Remodeling-Associated Protein 2;Calponin-Like Integrin-Linked Kinase-Binding Protein; $\alpha$ -Parvin;MXRA2
Protein Construction:	Met1-Glu372
Species:	Human
Expression Host:	E. coli
Accession:	Q9NVD7
Molecular Weight:	50-62 KDa (reducing condition)
AA Sequence:	Met1-Glu372

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Endotoxin:	< 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test.
Formulation:	Supplied as a 0.2 $\mu$ m filtered solution of 50 mM Tris-HCl, 150 mM NaCl, 40% Glycerol, pH 7.4.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

*Actual storage temperature shall be subject to the COA.*

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Alpha-Parvin (PARVA) is a member of the Parvin family. PARVA contains two CH (calponin-homology) domains. PARVA is widely expressed, with highest levels in heart, skeletal muscle, kidney and liver. PARVA interacts with integrin-linked protein kinase and probably with actin and the LD1 and LD4 motifs of PXN. PARVA may play a role in the regulation of cell adhesion and cytoskeleton organization. PARVA is also involved in ciliogenesis.

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