

Recombinant Mouse Parva Protein, Myc/DDK-tagged

Cat. No. Parva-4680M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length parvin, alpha (Parva), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the reorganization of the actin cytoskeleton, formation of lamellipodia and ciliogenesis. Plays a role in the establishment of cell polarity, cell adhesion, cell spreading, and directed cell migration. Plays a role in sarcomere organization and in smooth muscle cell contraction. Required for normal development of the embryonic cardiovascular system, and for normal septation of the heart outflow tract. Plays a role in sprouting angiogenesis and is required for normal adhesion of vascular smooth muscle cells to endothelial cells during blood vessel development.
Molecular Mass	42.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Parva parvin, alpha [*Mus musculus* (house mouse)]

Official Symbol Parva

Synonyms PARVA; parvin, alpha; alpha-parvin; actopaxin; Actp; Parvin; AI225929; AU042898; CH-ILKBP; 2010012A22Rik; 5430400F08Rik

Gene ID 57342

mRNA Refseq NM_020606

Protein Refseq NP_065631

UniProt ID Q9EPC1

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