

Recombinant Human PARVA 293 Cell Lysate

Cat. No. PARVA-3426HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for parvin, alpha (PARVA) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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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
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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