PARVA/alpha-Parvin Protein, Human (His)

Cat. No.:	HY-P7493
Synonyms:	rHualpha-Parvin, His; PARVA; MXRA2; alpha-Parvin
Species:	Human
Source:	E. coli
Accession:	Q9NVD7 (M1-E372)
Gene ID:	55742
Molecular Weight:	Approximately 50 kDa

PROPERTIES

AA Sequence	M A T S P Q K S P S V P K S P T P K S P P S R K K D D S F L G K L G G T L A R R K K A K E V S E L Q E E G M N A I N L P L S P I P F E L D P E D T M L E E N E V R T M V D P N S R S D P K L Q E L M K V L I D W I N D V L V G E R I I V K D L A E D L Y D G Q V L Q K L F E K L E S E K L N V A E V T Q S E I A Q K Q K L Q T V L E K I N E T L K L P P R S I K W N V D S V H A K S L V A I L H L L V A L S Q Y F R A P I R L P D H V S I Q V V V V Q K R E G I L Q S R Q I Q E E I T G N T E A L S G R H E R D A F D T L F D H A P D K L N V V K K T L I T F V N K H L N K L N L E V T E L E T Q F A D G V Y L V L L M G L L E G Y F V P L H S F F L T P D S F E Q K V L N V S F A F E L M Q D G G L E K P K P R P E D I V N C D L K S T L R V L Y N L F T K Y R N V E H H H H H H
Biological Activity	Data is not available.
Appearance	Solution.
Formulation	Supplied as a 0.2 μm filter solution of 50 mM Tris, 150 mM NaCl, 40% Glycerol, pH 7.4 or 50 mM Tris-HCL, 300 mM NaCL, pH 7.4, 10% Glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Alpha-parvin (α-parvin; α-pv) is expressed ubiquitously and is an essential regulator of actin-dependent processes, such as cell spreading and migration. Alpha-parvin, a focal adhesion protein that couples integrins to actin cytoskeleton, is indispensable for epidermal morphogenesis and HF development. Alpha-parvin controls vascular mural cell recruitment to vessel wall by regulating RhoA/ROCK signalling[1][2].

REFERENCES

[1]. Altstätter J, et al. α-parvin is required for epidermal morphogenesis, hair follicle development and basal keratinocyte polarity. PLoS One. 2020 Mar 12;15(3):e0230380.

[2]. Alpha-parvin controls vascular mural cell recruitment to vessel wall by regulating RhoA/ROCK signalling. EMBO J. 2009 Oct 21;28(20):3132-44.

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