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PARVA Human

Catalog #:PRPS-1264

For research use only.

Description:PARVA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 395 amino acids (1-372 a.a) and having a molecular mass of 44.6kDa.PARVA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Alpha-parvin, Actopaxin, CH-ILKBP, Calponin-like integrin-linked kinase-binding protein, Matrix-remodeling-associated protein 2, PARVA, MXRA2.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMATSPQK SPSVPKSPTP KSPPSRKKDD SFLGKLGGTL ARRKKAKEVS ELQEEGMNAI NLPLSPIPFE LDPEDTMLEE NEVRTMVDPN SRSDPKLQEL MKVLIDWIND VLVGERIIVK DLAEDLYDGQ VLQKLFEKLE SEKLNVAEVT QSEIAQKQKL QTVLEKINET LKLPPRSIKW NVDSVHAKSL VAILHLLVAL SQYFRAPIRL PD

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
PARVA protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Alpha-parvin (PARVA) belongs to the parvin family of actin-binding proteins. PARVA has a role in the regulation of cell adhesion, cytoskeleton organization, motility and survival as well as in ciliogenesis. Parvins are related with focal contacts and contain calponin homology domains which connect to actin filaments. PARVA is extensively expressed, with the highest levels in heart, skeletal muscle, kidney and liver.

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