

32-4398: Recombinant Human Parvin Alpha

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

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 20 µg

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

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

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSMATSPQK SPSVPKSPTP KSPPSRKKDD SFLGKLGGL
ARRKAKEVS ELQEEGMNAI NLPLSPIFFE LDPEDTMLEE NEVRTMVDPN SRSDPKLQEL MKVLIDWIND
VLVGERIIVK DLAEDLYDGQ VLQKLFKLE SEKLNVAEVT QSEIAQKQKL QTVLEKINET LKLPPRSIKW
NVDSVHAKSL VAILHLLVAL SQYFRAPIRL PDHVSIVVVV VQKREGILQS RQIQEEITGN TEALSGRHER
DAFDTLFDHA PDKLNVVKKL LITFVNKHLN KLNLEVTELE TQFADGVYLV LLMGLLEGYF VPLHSFFLTP
DSFEQVNLV SFAFELMQDG GLEKPKPRPE DIVNCDLKST LRVLYNLFTK YRNVE.

