

32-5216: Recombinant Human Vasodilator-Stimulated Phosphoprotein

Alternative Name : Vasodilator-stimulated phosphoprotein, VASP.

Description

Source : Escherichia Coli. VASP Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 363 amino acids (1-343 a.a.) and having a molecular mass of 37.5kDa (Molecular weight on SDS-PAGE will appear higher). The VASP is purified by proprietary chromatographic techniques. Vasodilator-stimulated phosphoprotein (VASP) belongs to the Ena-VASP protein family. VASP is linked with filamentous actin formation and likely plays a widespread role in cell adhesion and motility. In addition, VASP may be involved in the intracellular signaling pathways which regulate integrin-extracellular matrix interactions.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The VASP solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol, 200mM NaCl and 0.1mM PMSF.
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 SGLVPRGSH MSETVICSSR ATVMLYDDGN KRWLPAGTGP QAFSRVQIYH NPTANSFRV V GRKMQPDQQV VINCAIVRGV KYNQATPNFH QWRDARQVWG LNFGSKEDAA QFAAGMASAL EALEGGGPPP PPALPTWSVP NGPSPEEVEQ QKRQQPGPSE HIERRVSNAG GPPAPPAGGP PPPPGPPPPP GPPPPPLPP SGVPAAAHGA GGGPPPAPPL PAAQGPGGGG AGAPGLAAAI AGAKLRKVSK QEEASGGPTA PKAESGRSGG GGLMEEMNAM LARRRKATQV GEKTPKDESA NQEEPEARVP AQSESVRRPW EKNSTTLPRM KSSSSVTTSE TQPCTPSSSD YSD.

