

## Vasodilator-Stimulated Phosphoprotein Human Recombinant

<b>Item Number</b>	rAP-4143
<b>Synonyms</b>	Vasodilator-stimulated phosphoprotein, VASP.
<b>Description</b>	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
<b>Uniprot Accession Number</b>	P50552
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MSETVICSSR ATVMLYDDGN KRWLPAGTGP QAFSRVQIYH NPTANS-FRVV GRKMQPDQQV VINCAIVRGV KYNQATPNFH QWRDARQVWG LNFGSKEDAA QFAAGMASAL EALEGGGPPP PPALPTWSVP NGPSPEEVEQ QKRQQPGPSE HIERRVSNAG GPPAPPAGGP PPPPGPPPPP GPPPPPGGLPP SGVPAAAHGA GGGPPAPPL PAAQGPGGGG AGAPGLAAAI AGAKLRKVSK QEEASGGPTA PKAESGRSGG GGLMEEMNAM LARRRKATQV GEKTPKDESA NQEE-PEARVP AQSESVRRPW EKNSTTLPRM KSSSVTTSE TQPCTPSSSD YSD.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks. Store, frozen at -20&deg;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.
<b>Formulation and Purity</b>	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. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**