

Product datasheet for **TP505851**

Vasp (NM_009499) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vasodilator-stimulated phosphoprotein (Vasp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR205851 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSETVICSSRATVMLYDDSNKRWLPAGTGPQAFSRVQIYHNPTANSFRWVGRKMQPDQQVWINCAIIRGV
KYNQATPIFHQWRDARQVWGLNFGSKEDAIQFATGMANALEALEGGGPPPAPAPPAWSAQNGPSPEEQ
QKRQPEHMERRVSNAGGPPAPPAGGPPPPPPGPPPPPPGPPPPGGLPSSGVSAGHGAGAAPPAPPLPTAQ
GPNSSGSGAPGLAAAIAGAKLRKVKQEEASGGPLAPKAENSRSTGGGLMEEMNAMLARRRKATQVGEKP
PKDESASEESEARLPAQSEPVRPWEKNSTTLPRMKSSSVTTSEAHPTPCSSDDSDLERVKQELLEEV
RKELQKMKEEIIIEVQELRKRKRGSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033525
Locus ID:	22323
UniProt ID:	P70460



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RefSeq Size: 2267

Cytogenetics: 7 A3

RefSeq ORF: 1128

Synonyms: AA107290

Summary: Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance, lamellipodial and filopodial dynamics, platelet activation and cell migration. VASP promotes actin filament elongation. It protects the barbed end of growing actin filaments against capping and increases the rate of actin polymerization in the presence of capping protein. VASP stimulates actin filament elongation by promoting the transfer of profilin-bound actin monomers onto the barbed end of growing actin filaments. Plays a role in actin-based mobility of *Listeria monocytogenes* in host cells. Regulates actin dynamics in platelets and plays an important role in regulating platelet aggregation (By similarity).[UniProtKB/Swiss-Prot Function]