

Product datasheet for **SC322567**

PSTPIP2 (NM_024430) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSTPIP2 (NM_024430) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSTPIP2
Synonyms:	MAYP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for SC322567
 GGCAGTCAGGCCTCCCCGCTCTGTGCTACCTGCGGCCGGCTCTCCTCCGCGCCCCCACT
 CCGCTGCGATGACGCGCTCACTGTTCAAGGAACTTTTGGAGTGCAGACATCCTCAGC
 ACCATCGGCTATGACAACATTATCCAACATCTGAACAATGGCCGCAAGAACTGCAAGAG
 TTTGAAGACTTTCTAAAAGAAAGGCGAGCAATTGAAGAGAGGTATGGCAAAGATCTGCTC
 AACCTCTCTAGGAAGAAGCCGTGTGGACAGTCTGAAATCAACACCCTGAAGCGGGCCCTT
 GAAGTCTTCAAGCAGCAAGTAGACAATGTGGCACAATGTCACATTCAGTTGCACAGAGT
 TTAAGAGAAGAGGCCAGGAAGATGGAAGAATTCAGGGAAAAAGCAAAACTACAAGAAAA
 AAGACAGAGCTCATAATGGATGCTATCCATAAACAAAAGAGCTTACAATTCAAGAAAAACC
 ATGGATGCAAAGAAGAACTATGAGCAGAAATGCCGGGACAAAGATGAGGCAGAACAGGCC
 GTCAGCCGGAGTGCCAACTGGTGAACCCGAAGCAACAAGAAAAGCTTTTGTGAACTG
 GCAACTTCAAAGACCGCAGTAGAGGACTCAGACAAAGCATACATGCTGCACATCGGCACC
 CTGGATAAGGTCCGAGAAGAGTGGCAGAGTGAGCACATCAAGGCCTGCGAGGCATTTGAG
 GCTCAAGAATGTGAACGAATAAACTTCTCCGGAATGCATTGTGGTTACATGTGAATCAG
 CTGTCACAACAATGTGTACCAAGTATGAACACCCATCATGTATGAGAATTTCTACTCCT
 CCCAGAAGAATGCAGTCCAGCAGGAAAGGCTACAGGGCCTAACTTGGCAAGGAGAGGAC
 CCCTCCCAATTCTCTAAAAGCTCACCAGATGATCCCAATTACTCTTTGGTTGATGACTACA
 GTTTGCTCTATCAGTAAAATCAATGAAACCAGAGCTTTTTCCGGCTAGTGCTTCTGTGAT
 ATGGAAAGGGCACCCAGAGCAGCAGGACCTATAGCCACGTTATGTCAGCAATGAAGACTT
 TGAAGTGAACCTTGCTATAATTTTTAGAGATTTAAATTTATGGTAGACATTTAGGAC
 AACATAAGCAAGTAGAGTTCTGCAGTTTTTTGAAGTTTACAAATTGCCCATTTCTGAAGA
 ATTATTTCTTCCAGTTACTCAGGTTATGAATGAATTAGGTTTTCAACATGGGAAGCATG
 AAATCCACTTCTGGATTTGGAGCATCCACTTGAGGAGCAGAGGTGGCAGCAGAGGATTCT
 GAGCCACCAACTGCAGTAGTGGCTCCTTTGGCTTTGGGCAGCCTGGCTGTGGAGTTTCCA
 CGGCGACACACAGCCTCAGTGGTGAAGATTTAAATTTACCTTCCTTTTGGCTGGAAGA
 CTTAGAAGCCGCTGATCATACTTTCTCATTTTACAGATGAGGAAATAAGCCTACAAGT
 GTGAAATTAATTTCTTACAGTTTTCTAGCTGATGAGGGACAGAACCAGAACTAGAGCC
 TGAGCCCAACCCACATCACTATTCTTAACCTTCTGAAGTTGTGATGCTCATGCTGA
 AATTTAAGATGCCAAATATTTTTGCCAGCACTTTTTCAGTTGGGAGAATCACCAGGGTTT
 AAATGTCAGATTTATTTTTATGTGGATCCCTGTGTATGCTGAACTACAGAGCATGATGTT
 TAATCTAATTTAAGGAGCCACTGATTGTAACATGCCATTATTTATGTTGCACTAAGA
 AGGTGGGGTTCGAGGAGTTGCCAATAAACTTGGGACAGACTATTGATGGCCAAGCCATCT
 GAATTTAAGATGTAAAGTATGAAAAAATACATCTTAGAATCAATGAAATACCATATTT
 TGATTCCATTCTCAAGATAATTTTAGAGTTATAAAACCAGTCTCAATTTTGGGTCTTC
 ACAGAGAATCTTCCCTTGCTAGACCCAGAAATTTAAATGCATCCGCTTACACTTTCA
 CAAATATTTGGGTTTTCTTTTCACTCACAACAGCAGGGAGGTGATGACTTTTTGTA
 CAACACCTGTGCACTATGAGAAAATGGTACCTTTTAGTTATTGACAAGTTAAATAGCAC
 TCTCAGTTTTTTCAGTATTACAGAGAGCAATAGTTTCTCTCCTGCTCTGTGCAGTAGCT
 TTTCCAGAACTATGGACAAATTTGATCAGAAGAAGATTGATTATTTCTCATCTTTTTTTC
 TTTTTTTTGAGACAGAGTCTCTCTGTCCCCAGGCTGAAGTGCAGCGCATGATCTCA
 GCTCACTGCAACCTCTGCCTCCCGGTTCAAGTATTCTCCTGCCTCAGCCTCCTGAGTA
 GCTGGGATTACAGGCACCCACCACACCTGGCTAATTTTTTGTATTTTAGTAGAGAC
 AGGGTTTTACCATGTTGGTCAGGCTGGTCTCAAACTCCTGACCTCAGGTGATCCACCTGC
 CTCGGCCTCCCAAAGTGTGGGATTACAGGCGTGAGCCACTGCGCCCGGCTATTTCCCC
 ACCTTTCTGTGAAGGTGCTACTGAACATGACAGCTTCTGTGATGACAGGAACTGTCAT
 CAGTTGGATATCCTTTTGAGAACTGAATTTTGCAAAGGGCCAAATTTCCCCAACTGAA
 CGGGCTCAGGAAATGTTCTTTTCACTCAGAACATTCTATTTTAAGTATATTATTTATTG
 TTGGCAGTTCTCAGGGATTTCCCTTTTCTGTATTGGTCAGTGTAGTTGATGTAAC
 CGTTTTGTGGATGAAAAATTTTTATTTTATTGCTCTTTTAGTTTGGTAGGTTAAATAA
 AGGTTCTTGGTAATTTGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:	NM_024430
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_024430.2, NP_077748.2</u>
RefSeq Size:	2930 bp
RefSeq ORF:	939 bp
Locus ID:	9050
UniProt ID:	<u>Q9H939</u>
Cytogenetics:	tdb7990
Domains:	FCH
Protein Families:	Druggable Genome
Gene Summary:	Binds to F-actin. May be involved in regulation of the actin cytoskeleton (By similarity). [UniProtKB/Swiss-Prot Function]