

Product datasheet for **SC107443**

PSTPIP2 (AK023100) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSTPIP2 (AK023100) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSTPIP2
Synonyms:	MAYP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK023100, the custom clone sequence may differ by one or more nucleotides

ATGGATGCTATCCATAAACAAAAGAGCTTACAATTCAAGAAAACCATGGATGCAAAGAAGAACTATGAGC
 AGAAATGCCGGGACAAAGATGAGGCAGAACAGGCCGTCAGCCGGAGTGCCAACCTGGTGAACCCGAAGCA
 ACAAGAAAAGCTTTTGTGAACTGGCAACTTCAAAGACCGCAGTAGAGGACTCAGACAAAGCATACATG
 CTGCACATCGGCACCCTGGATAAGGTCCGAGAAGAGTGGCAGAGTGAGCACATCAAGGCCTGCGAGGCAT
 TTGAGGCTCAAGAATGTGAACGAATAAACTTCTCCGGAATGCATTGTGGTTACATGTGAATCAGCTGTC
 ACAACAATGTGTCACCAAGTGATGAAATGTACGAACAAGTCCGAAAGAGTTTAGAAATGTGCAGCATTTCAG
 AGGGACATTGAATACTTTGTGAATCAACGCAAACTGGACAGATTCCACCAGCACCCATCATGCATGAGA
 ATTTCTACTCCTCCAGAAGAATGCAGTCCCAGCAGGAAAGGCTACAGGGCCTAACTTGGCAAGGAGAGG
 ACCCCTCCCAATTCCTAAAAGCTCACCAGATGATCCCAATTACTTTGGTTGATGACTACAGTTTGCTC
 TATCAGTAA


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5' Read Nucleotide Sequence:	>OriGene 5' read for AK023100 unedited <pre> NGGTTAGGAATTGTATACGACTTACTATAGGCGGCCGCGAATTCGCACGAGGCGGCCCGG CTCTCCTCCGCGCCCCCACTCGCGCTGCGATGACGCGCTCACTGTTCAAGGGAACTTTT GGAGTGCAGACATCCTCAGCACCATCGGCTATGACAACATTATCCAACATCTGAACAATG GCCGCAAGAACTGCAAAGAGTTTGAAGACTTTCTAAAAGAAAGGGCAGCAATTGAAGAGA GGTATGGCAAAGATCTGCTCAACCTCTCTAGGAAGAAGCCGTGTGGACAGTCTGAAATCA ACACCCTGAAGCGGGCCCTTGAAGTCTTCAAGCAGCAAGTAGACAATGTGGCACAATGTC ACATTGAGCTTGCACAGAGTTTAAAGAGAAGAGGCCAGGAAGATGGAAGAATTCAGGGAAA AGCAAAAACACTACAACGAAAAAAGACAGAGCTCATAATGGATGCTATCCATAAACAAAAAGA GCTTACAATTCAAGAAAACCATGGATGCAAAGAAGAACTATGAGCAGAAATGCCGGGACA AAGATGAGGCAGAACAGGCCGTGAGCCGGAGTGCCAACCTGGTGAACCCGAAGCAACAAG AAAAGCTTTTTGTGAACTGGCAACTTCAAAGACCGCAGTAGAGGACTCAGACAAAGCAT ACATGCTGCACATCGGCACCCTGGATAAGGTCCGAGAAGAGTGGCAGAGTGAGCACATCA AGGCCTGCGAGGCATTTGAGGCTCAAGAATGTGAACGAATAAATCTTCCGGAATGCAT TGTGGTTACATGTGAATCAGCTGTCAACAATGTGTCAACAGTGATGAAATGTACGAAC AAAGTCCGAAGAAGTTAGAAATGTGCAGCATTGAGAAGGACATTGATACTTTGTGAATC ACGCANAACCTGGACAGATNACCAGCACCATCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK023100
Insert Size:	3000 bp
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).
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:	AK023100.1 , BAB14404.1
RefSeq Size:	2591 bp
RefSeq ORF:	639 bp
Locus ID:	9050
Cytogenetics:	tdb7990
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]