

Product datasheet for **SC102404**

PSTPIP2 (AK054626) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PSTPIP2 (AK054626) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSTPIP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102404 sequence for AK054626 edited (data generated by NextGen Sequencing) ATGCTCCTTCCACGGAACTGACCCTGTCCTATTTCTCGCTTTGATCATTGCCAGAAG GAACAGGGACTGTTGAGAAACAGAGGCAGCGTGCAGCCTGAAGGCATGCACCGTGCAGAA GAGGATCCCTGCGGCTGCGGGCTCTTTTCCAGGCCAAGGACAAGGCGGTGTGTGCCGGG TTGATCTGCACTGCTTTAGCCAGGATGGCTCTTCTTAGAGAGACAAACCGCTCCAACGCC AAACTGCCCTCGCAATTCCAATCGCAAAGGCAGGCTAGGGCCACAGTTCAAACCCAAGT CCAATGTCCACAAAGAAAAGAAGAAAGCTGAAATGCAGTTGGTCTTGCCATGCTGGCCG CTCAGCTTCTCACCCCAGGCCTAAGAAGGACAAGGTGA Clone variation with respect to AK054626.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for AK054626 unedited <pre>GGTAGATTAGGTAATACGATTTCACTATAGGGCGGCCGGAATTCGCACCAGCAGAAAATC CACCTGTTCTCATCTTGCCAACAATGCTCCTTCCACGGAAACTGACCCTGTCCTATTTCC TCGCTTTGATCATTGCCAGAAGGAACAGGGACTGTTGAGAAACAGAGGCAGCGTGCAGC CTGAAGGCATGCACCGTGCAGAAGAGGATCCCTGCGGCTGCGGGCTCTTTTCCAGGCCCA AGGACAAGGCGGTGTGTGCCGGTGTGATCTGCACTGCTTTAGCCAGGATGGCTCTTCTTA GAGAGACAAACCGCTCCAACGCCAACTGCCCTCGCAATTCGAATCGCAAAGGCAGGCTA GGGCCACAGTTCAAACCCAAGTCCAATGTCCACAAAGAAAAGAAAGCTGGAATGC AGTTGGTCTTGCCATGCTGGCCGCTCAGCTTCTACCCCCAGGCCTAAGAAGGACAAGGT GAGGATGAGTTCCATTTACAGAGTCTCACCAGGTGCCAGTCACGATCTCAATGTCTCAC AGCTGCCATCCCGCCAGGCTCCAGGAGGAAGGTGCTGCTATTTATTTATCCACAGGACA GACCCACAGCTGGCAAGTGCTTGGCCAGGAACAGCTAGGGCAGGTTTGTCCATACT CTCTACCCATGAGCACGAGGCTGTGCTGTTTCTGCTNCAATCAAACACAGGCTGATATT TTCCTCCAAGGGAANAAAAGTTGCAAAAAATATATATATATGTATGTATATACATTTG AGACAGAGTCTTACTCTGTTTGGCCAGCTGGAGTGCAGTGGCAGGACACAGCTCACTGTA GTCTGCATTTCCAGCTTAAAGGATCTTCTTCTCAGCCTNCTAGTAGCTGGGACTACNG CACACGCCGCTGCCAGGTGATTTTTAAATATTTGTGAGAAACATGTCCTTTTTTTTGC CACCTGCTCTGC</pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for AK054626 unedited <pre>AAAAGTGTGNACCGCGGCCGCTTCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTGG AGATTCAGTCTGATTTATTTGAAGATACCTTTTACATTTGTTTTAAGATAAGCTGTGAAA TAAATATTTTGTATAAATGTATTGCAAGGTTTGGAGGTAAACAAGCAGGTATGGTAGATA CATTCAGCCCTGGCTTTGCAGAGCGTGAGTTCAGAAGAAATACAGGACTAGACTGTGAGA CGCTCTGATAAGTGATACATTTCTGACATTTACCAAGTTCTACGCACTGACTGATGTTT ATCCAGAGTAAACATACTGTTGAGAATTATCTATTTACAAATAAATGGAGGCCAGGCGCG GTGGCTCACGCCTGTAATCCAGCCCTTTGGGAGGCCGAGGCAGGTGGATCACCTGAGGT CAGTTGTTTGGAGCAGCCTGGCCAACATGATGAAACCCATCGCTACTAAAAATACAAA AAATTAGCCAGGCGTGGTGGTGCCTGTAATCCAGCTACTCGGAGGCTGAGGCAG GAGAATCACTTGAACCCAGGAGGCGGAGGTTGCAATGAGCTGAGGTGCGCCACTGCACT CCAGCCTGGGTGACACAGTGACAAAAACAAAAGTTGGAGCCAGTACTGTCTGCAGATGT TGCCGGCTGCTTCACTGGTCAGACCCCGTCTTCTGCACAGTCTTAGCACCCAGGACCC TCGAGACCTGTGCCATGGCCCCAACCCATCCACGTGGGGTGTCTCACAGGCCNCATGGT GTGAANNNGTGCNGCAGTCAAGCCTGTTGTGAGAGAGAGCCCTGGACACAGCGTGTGAAG CTATTGGGCAAAAGACAGAGTTTTCCCAATGATGACTANGATGGGCCANTNNAGAAGAT GATGTTCTGCAAGCATTGCCTTTGAGGAAGTCTGTCATTAA</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK054626
Insert Size:	2750 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:	<u>AK054626.1</u> , <u>BAB70777.1</u>
RefSeq Size:	2081 bp
RefSeq ORF:	399 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]