

Product datasheet for SC317511

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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317511 representing NM_024430. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGACGCGCTCACTGTTCAAGGAACTTTGGAGTGCAGACATCCTCAGCACCATCGGCTATGACAAC
 ATTATCCAACATCTGAACAATGGCCGCAAGAACTGCAAAGAGTTTGAAGACTTTCTAAAAGAAAGGGCA
 GCAATTGAAGAGAGGTATGGCAAAGATCTGCTCAACCTCTCTAGGAAGAAGCCGTGTGGACAGTCTGAA
 ATCAACACCCTGAAGCGGGCCCTTGAAGTCTTCAAGCAGCAAGTAGACAATGTGGCACAATGTCACATT
 CAGCTTGACAGAGTTTAAAGAGAAGAGGCCAGGAAGATGGAAGAATTCAGGGAAAAGCAAAAACCTACAA
 CGAAAAAAGACAGAGCTCATAATGGATGCTATCCATAAACAAGAGCTTACAATTCAAGAAAACCATG
 GATGCAAGAAGAACTATGAGCAGAAATGCCGGGACAAAGATGAGGCAGAACAGGCCGTCAGCCGGAGT
 GCCAACCTGGTGAACCCGAAGCAACAAGAAAAGCTTTTGTGAACTGGCAACTTCAAAGACCGCAGTA
 GAGGACTCAGACAAAGCATACATGCTGCACATCGGCACCCTGGATAAGGTCCGAGAAGAGTGGCAGAGT
 GAGCACATCAAGGCCTGCGAGGCATTTGAGGCTCAAGAAATGTGAACGAATAAACTTCTTCCGGAATGCA
 TTGTGTTTACATGTGAATCAGCTGTCAACAATGTGTCACCAGTGATGAAATGTACGAACAAGTCCGA
 AAGAGTTTAGAAATGTGCAGCATTCAAGGGACATTGAATACTTTGTGAATCAACGCAAACTGGACAG
 ATTCCACCAGCACCCATCATGTATGAGAATTTCTACTCCTCCCAGAAGAATGCAGTCCCAGCAGGAAAG
 GCTACAGGGCCTAACTTGGCAAGGAGAGGCCCTCCCAATTCCTAAAAGCTCACCAGATGATCCCAAT
 TACTCTTTGGTTGATGACTACAGTTTGCTCTATCAG**TA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_024430
Insert Size:	1005 bp


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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_024430.3</u>
RefSeq Size:	3054 bp
RefSeq ORF:	1005 bp
Locus ID:	9050
UniProt ID:	<u>Q9H939</u>
Cytogenetics:	tdb7990
Domains:	FCH
Protein Families:	Druggable Genome
MW:	38.9 kDa
Gene Summary:	Binds to F-actin. May be involved in regulation of the actin cytoskeleton (By similarity). [UniProtKB/Swiss-Prot Function]