

Product datasheet for **RR205306**

Pstpip1 (NM_001106824) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pstpip1 (NM_001106824) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pstpip1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205306 representing NM_001106824
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCGCCAGCTGCAGTTCGCGATGCCTTCTGGTGCAGGGACTTCACGGCCACACAGGGTATGAGG
TACTCTGCAGAGGCTGCTGGACGGCAGGAAGATGTGCAAGGATGTGGAGGAGCTGCAGACAGAGGGC
CCAGGCGGAGGAGAGGTACGGGAAGGAGCTGGTGCAGATTGCGCGCAAAGCTGGTGGCCAGACAGAGATG
AATTCCCTGAGGACCTCCTTTGACTCTCTGAAGCAGCAAACAGAGAATGTGGGCAGTGCACACATCCAGC
TGGCCCTGGCCCTGCGTGAGGAGCTGCGGAGCCTGGAGGAGTTCCGAGAGAGACAGAAAGAACAGCGGAA
GAAGTATGAGGCCGTCATGGACCGTGTCCAGAAGCAAGCTGTCGCTCTACAAGAAGACCATGGAGTCC
AAGAAGTCATATGACCAGAAGTGCAGGGACGCAGATGACGCTGAGCAGGCCTTCGAGCGAGTGAGTGCCA
GTGGTCACCAAAGCAAATAGAAAAGAGCCAGACCAAAGCCAAGCAGTGAAGGAGTCGGCCACAGAGGC
AGATCGAGTGTACAGGCAAATATTGAACAACTGGAGAAAGCAAGGACCGAATGGGAACAGGAACACCGG
ACAACCTGTGAGGCCTTCAGCTGCAGGAGTTTGACCGGCTAACCATCCTCCGAATGCCCTGTGGGTGC
ACTGTAACCAGCTCTCCATGCAGTGTGCAAGGACGATGAGCTCTATGAGGAAGTCCGGCTGACACTTGA
GGCTGTGATGTGGAAGGTGATATCAATGGCTTCATCCAGTCCAAGAGCACTGGCAGAGAGCCCCAGCT
CCCGTGCCTTATCAGAACTACTACGACCGGAGGTCAACCCACTGACTGGCAGCCCTATCGTCCAGACCT
CCTGTGGTGTGATAAAGAGGTTCTCTGGGCTGCTACATGGAAGTCCCAAGACCACACCTTCTCAAGCTCC
TGCCGCTTCCACAGAGACTCTGGCTCCCACCTCTGAGCAGAAAGAATTGGTCTATGCATCCATCGAAGTG
CAGGCAACCCAGGGGAACCTTAAGTCAAGCAGCCAGGACTACCGGGCGCTCTATGACTACACGGCAGAGA
ATTCTGATGAGCTGGACATTTCTGCGGGAGACATCCTGGCAGTCATCCTGGAAGGGGAGGATGGCTGGT
GACTGTGGAACGAAACGGACAACGTGGCTTTGTCCCTGGTTCTGACTTGGAGAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205306 representing NM_001106824
 Red=Cloning site Green=Tags(s)

MTAQLQFRDAFWCRDFTAHTGYEVLLQRLLDGRKMCKDVEELLRQRAQAEERYGKELVQIARKAGGQTEM
 NSLRTSFDSLKQQTENVGSAHIQLALALREELRSLSEEFRRERQKEQRKKYEAVMDRVQSKLSLYKKTMS
 KKSYPDQKCRDADDAEQAFERVSASGHQKQIEKSQTKAKQCKESATEADRVYRQNIQLEKARTEWEQEHR
 TTCEAFQLQEFDRLLTILRNALVWHCNQLSMQCVKDDDELVEEVRLEEGCDVEGDINGFIQSKSTGREPPA
 PVPYQNYVDREVTPLTGSPIVQTCGVIKRFSGLLHGSFKTTPSQAPAASTETLAPTSEQKELVYASIEV
 QATQGNLNSAAQDYRALYDYTAQNSDELDISAGDILAVILEGEDGWWTVERNGQRFVPGSYLEKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

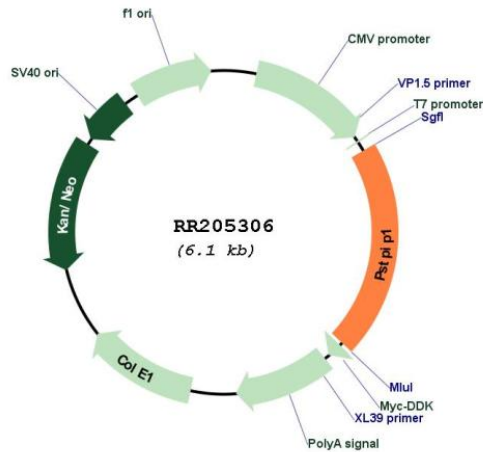
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106824

ORF Size:	1248 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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:	NM_001106824.2 , NP_001100294.2
RefSeq Size:	1612 bp
RefSeq ORF:	1251 bp
Locus ID:	300732
Cytogenetics:	8q24
MW:	47.6 kDa