

Product datasheet for SC128113

PTIP (PAXIP1) (NM_007349) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PTIP (PAXIP1) (NM_007349) Human Untagged Clone
Tag:	Tag Free
Symbol:	PTIP
Synonyms:	CAGF28; CAGF29; PACIP1; PAXIP1L; PTIP; TNRC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC128113 sequence for NM_007349 edited (data generated by NextGen Sequencing)

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ATGTCGGACCGCCCAAGTTCCTGAGGAGATGTTACGGGAGGTCAAGTATTACGCG
GTGGGCGACATCGACCCGAGGTTATTCAGCTTCTCAAGGCTGGAAAAGCGAAGGAAGTT
TCCTACAATGCACTAGCCTCACACATAATCTCAGAGGATGGGGACAATCCAGAGGTGGGA
GAAGCTCGGGAAGTCTTTGACTTACCTGTTGTAAAGCCTTCTTGGGTGATTCTGTCCGTT
CAGTGTGGAAGTCTTCTGCCAGTAAATGGTTTTCTCCAGAATCATGTCAGATTTTTTTT
GGAATCACTGCCTGCTTTCTCAGGTGTCATCTGAAGACAGAAGTGCCCTGTGGGCTTTG
GTTACGTTCTATGGGGGAGATTGCCAGCTAACCTCAATAAGAAATGCACGCATTGATT
GTTCCAGAGCCAAAGGGGAGAAATACGAATGTGCTTTAAAGCGAGCAAGTATTTAAAT
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CTGCATCGCCCTCAGCAGCAGCTCCAGCCCTTTCAGCAGCAGCATGCCCTGCAGCAGCAG

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TTCCATCAGCTGCAGCAGCACCAGCTCCAGCAGCAGCAGCTTGCCAGCTCCAGCAGCAG
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TTGTGGGAAATAATTTAATATCCTGTGAAAATGACCTTCATTTATGCCGAGAATATTTT
GCCAGAGGCATAGATGTTCACAATGCAGAGTTCGTTCTGACTGGAGTGCTCACTCAAACG
CTGGACTATGAATCATATAAGTTAACTGA

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Clone variation with respect to NM_007349.3
1731 g=>r

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_007349 unedited
 NGTGACGACAACATTTGTATACGACTCACTATAGGCGGCCGGAATTTCGCACGAGGGCCG
 GGCGCCGCGCGGAGCCTCCCGGGCCGCGGATCATGTCGGACCAGGCGCCCAAAGTTC
 CTGAGGAGATGTTCAAGGAGGTCAAGTATTACGCGGTGGGCGACATCGACCCGAGGTTA
 TTCAGCTTCTCAAGGCTGGAAGCGAAGGAAGTTTCTACAATGCACTAGCCTCACACA
 TAATCTCAGAGGATGGGACAAATCCAGAGGTGGGAGAAGCTCGGGAAGTCTTTGACTTAC
 CTGTTGTAAAGCCTTCTTGGGTGATTCTGTCCGTTCAAGTGTGGAAGTCTTCTGCCAGTAA
 ATGGTTTTTCTCCAGAATCATGTCAGATTTTTTTTGAATCACTGCCTTCTCAGG
 GTGTTGATACAAGCTGGAGCTCTTTGTTGGAGTCTCCAGAGCTCTCCAGGGAGAGGTA
 GGGAAAGGAGCTTGTCCAGCAGAAGTTGGGAAGCAGAGATCATCTGCCTTCTTCTGAC
 CCGGTATTGATGCAGGCTGAGGCTCTGTTGTAATGTGCTGGGTGTCATCTGAAGACAGA
 AGTGCCCTGTGGGCTTTGGTTACGTTCTATGGGGGAGATTGCCAGCTAACCTCAATAA
 GAAATGCACGCATTTGATTGTTCCAGAGCCAAAGGGGGAGAAATACGAATGTGCTTTAN
 AGCGAGCAAGTATTAATTTGTGACTCCGACTGGGTTCTGGATTGCGTATCANAGAAAA
 CCAAAAAGGACGAAGCATTTTATCATCCTCGTCTGATTATTTATGAANAGGAANAANAGG
 ANNAGGANNAGAGGAGGAGTANNAAATGAGGAACAAGATTCTC

Restriction Sites:

Please inquire

ACCN:

NM_007349

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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:	NM_007349.2 , NP_031375.2
RefSeq Size:	3850 bp
RefSeq ORF:	3723 bp
Locus ID:	22976
UniProt ID:	Q6ZW49
Cytogenetics:	7q36.2
Gene Summary:	This gene is a member of the paired box (PAX) gene family and encodes a nuclear protein with six BRCT (breast cancer carboxy-terminal) domains. This protein plays a critical role in maintaining genome stability, condensation of chromatin and progression through mitosis. [provided by RefSeq, Jul 2008]