

Product datasheet for SC333891

PTTG1IP (NM_001286822) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PTTG1IP (NM_001286822) Human Untagged Clone
Tag:	Tag Free
Symbol:	PTTG1IP
Synonyms:	C21orf1; C21orf3; PBF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333891 representing NM_001286822. Blue=Insert sequence Red=Cloning site Green=Tag(s)

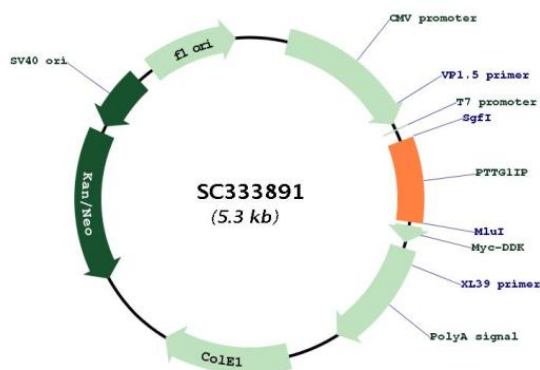
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GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCCCGGAGTGGCCCGGGCCGACGCCGTAAGGTTGCGCCTCGGTGGCGCCGCGCTGCTC
CTGCTGCTCATCCCGGTGGCCCGCCGCGCAGGAGCCTCCCGGAGCTGCTTGTCTCAGAACACAAACAAA
ACCTGTGAAGAGTGCCTGAAGAAGCTCTCCGCCTGTTAAAGAAGAAAACCCGTATGCTAGATTTGAAA
ACAACAAAGCGCTCCAGCACATCAGTCCCGACGCTTCTGTGAGGTGCACGCTCCGCAGCCAGCCCA
GCCGGGAGACCAGTGGCATTGCGGTCTCCTGACCTGGCCAGTGAACCTGCCAGCCTTCCAGGACAG
GCGGCCGGAGAGCTGCCCTGAAGGACAGTCTCTCGTCTGCAGACTGGTGACCTTCTATCCCTGTT
CATCTCTGTTTCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: NM_001286822

Insert Size: 429 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: [NM_001286822.1](#)

RefSeq Size:	2515 bp
RefSeq ORF:	429 bp
Locus ID:	754
UniProt ID:	P53801
Cytogenetics:	21q22.3
Protein Families:	Druggable Genome, Transmembrane
MW:	14.9 kDa
Gene Summary:	<p>This gene encodes a single-pass type I integral membrane protein, which binds to pituitary tumor-transforming 1 protein (PTTG1), and facilitates translocation of PTTG1 into the nucleus. Coexpression of this protein and PTTG1 induces transcriptional activation of basic fibroblast growth factor. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013]</p> <p>Transcript Variant: This variant (2) lacks 3 consecutive exons, which cause a frame-shift compared to variant 1. The resulting shorter isoform (2) has a distinct C-terminus compared to isoform 1.</p>