

Product datasheet for **RG235997**

PTTG1IP (NM_001286822) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PTTG1IP (NM_001286822) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PTTG1IP
Synonyms: C21orf1; C21orf3; PBF
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235997 representing NM_001286822.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCCCGGAGTGGCCCGGGCCGACGCCGTACTGGAGTTGCGCCTCGGTGGCGCCGCGCTGCTC
CTGCTGCTCATCCGGTGGCCCGCGCAGGAGCCTCCCGGAGCTGCTTGTCTCAGAACAACAAAA
ACCTGTGAAGAGTGCCTGAAGAAGTCTCCGCCTGTTAAAGAAGAAAACCCGTATGCTAGATTTGAAA
ACAACAAAGCGCTCCAGCACATCAGTCCCGACGCTTCTGTGAGGTGCACGCTCCGCAGCCAGCCCA
GCCGGGAGACCAGTGGCATTGCGGTCTCCTGACCTGGCCAGTGAACCTGCCAGCCTCCAGGACAG
GCGGCCGGAGAGCTGCCCTGAAGGACAGTCTCTCGTCTGCAGACTGGTGACCTTCTATCCCTGTT
CATCTCTGTTTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235997
Blue=ORF Red=Cloning site Green=Tag(s)

```
MAPGVARGPTYWRLRLGGAALLLLLIPVAAAQEPGAACSQNTNKTCEECLKNVSACLKKKTRMLDLK
TTKALQHISPDAACEVHAPQPSAPGRPRGHCGLLTLASEPASLPGQAAGELPLKDSPLVLQTGDLLFPV
HLCF
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDSHMHFSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

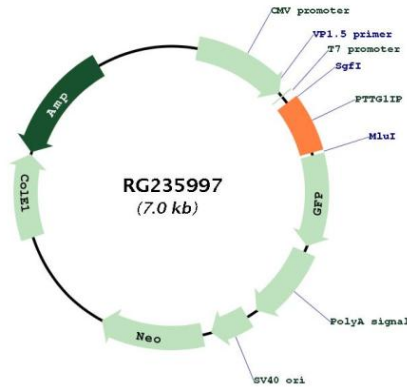


[View online »](#)

Gene Summary:

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]

Product images:



Circular map for RG235997