

Product datasheet for **RG216082**

CTNNBIP1 (NM_020248) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CTNNBIP1 (NM_020248) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CTNNBIP1
Synonyms: ICAT
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG216082 representing NM_020248
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCGCGAGGGAGCTCCCGGAAGAGTCCGGAGGAGATGTACATTCAGCAGAAGGTCCGAGTGCTGC
 TCATGCTGCGGAAGATGGGATCAAACCTGACAGCCAGCGAGGAGGAGTTCCTGCGCACCTATGCAGGGGT
 GGTC AACAGCCAGCTCAGCCAGCTGCCTCCGACTCCATCGACCAGGGTGCAGAGGACGTGGTGATGGCC
 TTTTCCAGGTCGGAGACGGAAGACCGGAGGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG216082 representing NM_020248
 Red=Cloning site Green=Tags(s)
 MNREGAPGKSPEEMYIQKVRVLLMLRKMGSNLTASEEEFLRITYAGVVNSQLSQLPPHSIDQGAEDVVMA
 FSRSETEDRRQ

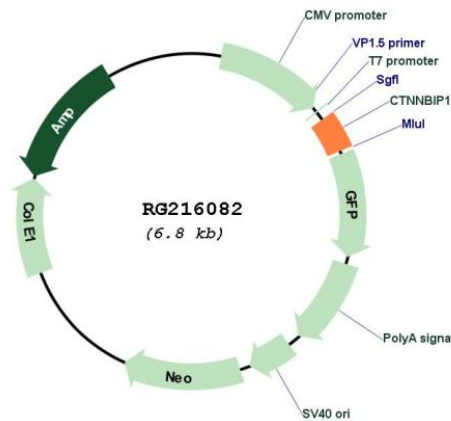
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_020248

ORF Size: 243 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_020248.3
RefSeq Size:	2995 bp
RefSeq ORF:	246 bp
Locus ID:	56998
UniProt ID:	Q9NSA3
Cytogenetics:	1p36.22
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Wnt signaling pathway
Gene Summary:	The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]