

Product datasheet for **SC301631**

CTNNBIP1 (NM_001012329) Human Untagged Clone

Product data:

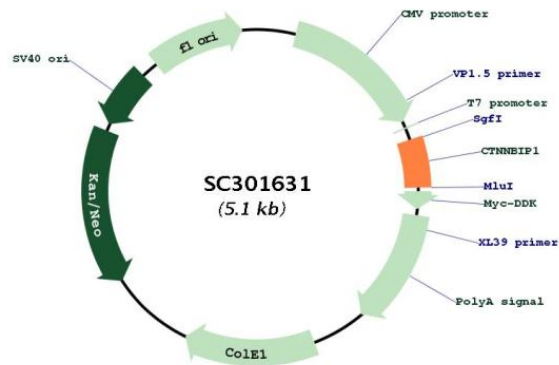
Product Type: Expression Plasmids
Product Name: CTNNBIP1 (NM_001012329) Human Untagged Clone
Tag: Tag Free
Symbol: CTNNBIP1
Synonyms: ICAT
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC301631 representing NM_001012329.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACCGCGAGGGAGCTCCCGGAAGAGTCCGGAGGAGATGTACATTCAGCAGAAGTCCGAGTGCTG
CTCATGCTGCGGAAGATGGGATCAAACCTGACAGCCAGCGAGGAGGAGTTCCTGCGCACCTATGCAGGG
GTGGTCAACAGCCAGCTCAGCCAGCTGCCTCCGCACTCCATCGACCAGGGTGCAGAGGACGTGGTGATG
GCGTTTTCCAGGTCGGAGACGGAAGACCGGAGGCAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001012329

Insert Size: 246 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001012329.1
RefSeq Size:	2961 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
MW:	9.2 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>