

## Product datasheet for **SC327134**

### TACC1 (NM\_001146216) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TACC1 (NM_001146216) Human Untagged Clone
Tag:	Tag Free
Symbol:	TACC1
Synonyms:	Ga55
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC327134 representing NM\_001146216.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGACAGAAGGCAGCATGGGGTCACCCTCGAGGCCTCCGCAGAAGCTGATCTAAAAGCTGGCAACTCC
TGTCAGAGCTTGTGCCAGCAGAAAGCAAGCTGAGAAAGCCCAAGCCTGTCCCCTGAGGAAGAAA
GCAATTGGAGGAGATTCTCAGACACCAACGCTGCTGTGGAGGGCACACCTCTCCCAAGGCATCCTAT
CACTTCAGTCCTGAAGAGTTGGATGAGAACACAAGTCCTTTGCTAGGAGATGCCAGGTTCCAGAAGTCT
CCCCCTGACCTTAAAGAACTCCCGGCACTCTCAGTAGTGACACCAACGACTCAGGGGTTGAGCTGGGG
GAGGAGTCGAGGAGCTCACCTCTCAAGCTTGAGTTTGATTTACAGAAGATACAGGAAACATAGAGGCC
AGGAAAGCCCTTCCAAGGAAGCTTGGCAGGAACTGGGTAGCACACTGACTCCCAAGATACAAAAAGAT
GGCATCAGTAAGTCAGCAGGTTTAGAACAGCCTACAGACCCAGTGGCACGAGACGGGCTCTCTCCAA
ACATCTTCCAAGCCAGATCCTAGTCAGTGGAAAGCCCCAGCTTCAACCCCTTTGGGAGCCACTCTGTT
CTGCAGAACTCCCACCCCTCTCTTCTGAGGGCTCTACCACTTTGACCCAGATAACTTTGACGAATCC
ATGGATCCCTTTAAACCAACTACGACCTTAAACAAGCAGTGACTTTTGTCTCCCCTGGTAAATCAGGTT
AATGAAATCTTAGAATCACCCAAGAAGGCAAAGTCGCGTTTAAATACGAGTGGCTGTAAGGTGAAGAAG
CATGAAACTCAGTCTCTCGCCCTGGATGCATGTTCTCGGGATGAAGGGCAGTGATCTCCAGATTTCA
GACATTTCTAATAGGGATGGCCATGCTACTGATGAGGAGAAACTGGCATCCACGTCATGTGGTCAGAAA
TCAGCTGGTGCCGAGGTGAAAGGTGAGCCAGAGGAAGACCTGGAGTACTTTGAATGTTCCAATGTTCTCT
GTGTCTACCATAAATCATGCGTTTTATCCTCAGAAGCAGGCATAGAGAAGGAGACGTGCCAGAAGATG
GAAGAAGACGGGTCCACTGTGCTTGGGCTGCTGGAGTCCCTGTCAGAGAAGGCCCTGTGTCGGTGTCC
TGTGGAGGTGAGAGCCCCCTGGATGGGATCTGCCTCAGCGAATCAGACAAGACAGCCGTGCTCACCTTA
ATAAGAGAAGAGATAATTACTAAAGAGATTGAAGCAAATGAATGGAAGAAGAAATACGAAGAGACCCGG
CAAGAAGTTTTGGAGATGAGGAAAATTGTAGTGAATATGAAAAGACTATTGCTCAAATGATTGAAGAT
GAACAAAGGACAAGTATGACCTCTCAGAAGAGCTTCCAGCAACTGACCATGGAGAAGGAACAGGCCCTG
GCTGACCTTAACTCTGTGAAAGGTCCCTTTCTGATCTCTTCAGGAGATATGAGAACCTGAAAGGTGTT
CTGGAAGGTTCAAGAAGAATGAAGAAGCCTTGAAGAAATGTGCTCAGGATTACTTAGCCAGAGTTAAA
CAAGAGGAGCAGCGATACCAGGCCCTGAAAATCCACGCAGAAGAGAAACTGGACAAGCCAATGAAGAG
ATTGCTCAGGTTCAACAAAAGCAAAGGCTGAGAGTGCAGCTCTCCATGCTGGACTCCGCAAGAGCAG
ATGAAGGTGGAGTCCCTGAAAGGGCCCTGCAGCAGAAGAACCAAGAAATGAAGAACTGACAAAAATC
TGTGATGAGCTGATTGCAAAGCTGGGAAAGACTGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001146216

**Insert Size:** 1833 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:**

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\\_001146216.2](#)

**RefSeq Size:** 7748 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 6867

**UniProt ID:** [O75410](#)

**Cytogenetics:** 8p11.22

**MW:** 67.1 kDa

**Gene Summary:** This locus may represent a breast cancer candidate gene. It is located close to FGFR1 on a region of chromosome 8 that is amplified in some breast cancers. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2017]  
Transcript Variant: This variant (3), as well as variants 16-18, encodes isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.