

Product datasheet for **SC313836**

TIGD6 (NM_030953) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIGD6 (NM_030953) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIGD6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC313836 representing NM_030953.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCAACAAGGGGAACAAGAAGCGTCGGCAGTTCTCTCTGGAGGAGAAAAATGAAAGTTGTGGAGCT
GTAGACTCAGGCAAGAGGAAAGGTGATGTGGCAAAAGAATTTGGTATCACTCCCTCTACTTTATCTACA
TTCTTAAAGGATCGCACCAAATTTGAAGAAAAGGTGCGGGAGGCATCCGTGGGACCCAGCGGAAAAAGG
ATGAGGAGCGCTCTTTATGATGACATTGATAAGGCTGTTTTGCTTGGTTTCAAGAAATCCATGCCAAA
AACATTCTTGACTGGTCTGTGCTTCGAAAAAAGCACTAACTTGGCCAACATGCTTGGCTATGAC
AATTTTCAAGCAAGTGTGGGCTGGCTGAACAGATTTAGAGATCGCCACGGAATTGCTTTGAAAGCAGTC
TGTAAGAAGATAGTGACAGGTTAATGAATGGTCTAGGAATAGATAAGATTAATGAGTGGCATGCAGGG
GAAATTATAAACTGATTGCTGACTACAGCCAGATGATATCTTAATGCTGATGAGACAGGAGTGTTC
TTCCAGTTGCTTCCCAGCACACACTTGTGCTAAAGGAGACCACTGTAGAGGGGCAAGAAAGCAAAG
CAGCGGTTGACAGCACTCTTTTGTGCAATGCCTCGGGGACTGAAAAATGAGACCATTGATTGTTGGT
AGGTCAGCCAGCCCACTGCCTCAAGAACATTATCCCTCCCTTGTGATTACCGAGCCAACCACTGG
GCTTGGATGACAAGGGATCTGTTAATGAGTGGCTGATGCAAGTGGATGCCAGGATGAAGAGGGCGGAA
CGCCGGATCCTCTTGCTCATAGACAACCTGCTCTGCTCATAACATGCTTCCACACTTGAAAGGATTGAG
GTTGGGTATCTGCCCTCCAACCTGTACTGCTGCTGCAGCCACTGAATCTTGGCATAATTCACACCATG
AAAGTACTGTACCAGAGCCACCTTCTAAACAGATCCTCCTCAAGCTCAACAGCAGTGAGGATCAAGAA
GAGGTGGACATCAAGCAGGCCATCGACATGATTGCTGCAGCGTGGTGGTCAGTCAAGCCATCCACAGTG
GTGAAATGTTGGCAGAAGGCAGGCATCGTCCCTATGGAATTTGCAGAATGTGACACAGAATCAGCAGCC
AGTGAACCAGACATTGCCATTGAAAAGTTGTGGCACACAGTGGCTATTGCCACCTGTGTCCCAAATGAA
GTAAATTTCCAGGACTTTGTTACTGCAGATGATGATCTCATTATCTCTCAGGACACAGACATCATCCAG
GACATGGTGGCTGGCGAAAAATACCAAGTGAAGCAGGAAGTGAAGATGAAGGGGAGGTATCTTTACAGAG
CAACCAAAAGTCACCATCACAGAAGCCATATCAAGTGTACAGAACTTAGACAGTTCTTTCCACTTGT
GTAGACATTCTGATGCCATTTTGGACAATTAATGGCATAGATGAATATTTAATGAAAAGAGTGACA
CAAACCTTATTGATTCCAAAATTACAGATTTCTCCAAACAAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_030953

Insert Size: 1566 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:	<u>NM_030953.3</u>
RefSeq Size:	4001 bp
RefSeq ORF:	1566 bp
Locus ID:	81789
UniProt ID:	<u>Q17RP2</u>
Cytogenetics:	5q32
Domains:	DDE, CENPB, CENP-B_N
Protein Families:	Transcription Factors
MW:	58.7 kDa
Gene Summary:	The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. [provided by RefSeq, Oct 2009] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.