

Product datasheet for **SC111485**

TIGD7 (NM_033208) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIGD7 (NM_033208) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIGD7
Synonyms:	Sancho
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111485 sequence for NM_033208 edited (data generated by NextGen Sequencing)

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ATGAATAAGAGAGGGAAATATACAACACTGAATTTGGAGGAGAAAATGAAGGTTCTAAGT
AGAATTGAAGCTGGACGATCACTTAAAAGTGAATGGATGAATTTGGAATCAGTAAGTCA
ACATTTTATGACATTAATAAAGTAAAGTAAATCTGGACTTTGTACTGAAGCAGGAC
ATGCCATTAGTAGGGCTGAGAAGAGAAAGAGGACAACGGGAGCCAAATATGGTGATGTA
GATGATGCGGTCTACATGTGGTACCAACAGAAACGCTCAGCCGGTGTTCGGTAAGAGGC
GTGGAGCTTCAGGCTGCTGCAGAGAGATTGACAGGTGTTTTGGGCGAACAGATTTCAAA
GCTAGCACTGGTTGGCTTTTAGATTTGAAATCGGCATGCAATTGGGAACCGAAAAGGA
TGTGGGAACAAGTCCTAAGTTCAGTTTCTGAAATGTTGAGCCATTCGACAAAACTG
TCCATGATAATCAAAGAGGAGAACTGTGTCTAGCTCAGCTATACAGTGGGGATGAAACA
GACCTCTTTTGAAGTCAATGCCAGAAATTTCTCAGGCAAGTAGGAAAGATATCTGCCTA
CCAGGGAAGAAAATAACAAAGAAAGGTTGTCTGCCTTTTATGTCAAATGCAGACGGA
ACTCATAAATTAAGTCAATCATTATTGAAAAATCAAACTGCCAAAAGTGTAAGAG
GACACAAGTACATTGCCTGTGATATATAACCCAGTAAAGATGTTTGGTTCACCAGAGAA
TTGTTTTCAGAATGGTTTTTTCAAACTTTGTTCTGAGGTCCGACATTTTCAACTTAAT
GTTCTAAGATTTTCATGACGAGGACGTCAGGGCATTGTTACTTCTGGACAGTTGCCCGGT
CATCCTTCCTCTGAATCCCTAACCAAGTGAAGTGGTGAATAAAATGTATGTTCTTCCCC
CATAACACTTCAACCTTGATTCAACCAATGAATCAAGGTGTGATCTTGAGCTGCAACGG
CTGTATAGATGGAAGCAACTTGAAGAGAGTCTTGAATATTTGAAGAAAGTGATGATGAG
CAAGAGAAAGGAGATAAAGGAGTTTCCAAAATTAATCTACAATATAAAAGTGCAATT
TTAACTGGGCAAAAAGTTGGGAAGAAGTAAACAAATAACCATAGCAAAATGCATGGGAA
AATCTTCTTTACAAAAGGAACCTGAATATGATTTTCAAGGCTTAGAACATGGGGATTAT
AGAGAAATTTCTGAAAAATGTGGGAGTTGGAACCTAAGTTGGATGATGATAGGGTGTGG
TTAAATGGAGATGAAGAAAAGGTTGTCTCTTAAACCAAGGTGGAATAACAAAGGAA
GTTGTTCAAAAAGGAGGAGAAGCTGAGAAGCAGACTGCTGAATTTAAATTATCTGCTGTA
AGAGAGAGTTTGGACTACCTTCTGACTTTGTTGATGCCACACCTGAGTTTCAGAGATTC
CACTTCACACTGAAAGAGATGCAACAAGAAATAGTCAAGAAACAGTTCCAGAGTAAATC
CATTCTAGAATTGGTAGCTTTTTGAAACCTAGGCCTCATAATATTAAGGACTCCTTCAGT
GGGCCTTCAACTCTGGTCTAATCATTAG
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Clone variation with respect to NM_033208.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033208 unedited

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AGTTACACATTTTGTATACGATTCATATAGGGCGGCCGGAATTCGCACGAGGGTTGGAT
TTCATTCATATGTACAACAACTACTTTCTTCTCACTTCAAGATTCGGTACAACCTGTTT
CTGAATTCCAACCTCTCCATACATCCCAATGTCAGGGTCCCTGTAGCTCGGAGCCCTTATC
CAGGTAGATGAAGTGTGCCAGTGAACACTATGTACAAAGCAATTTGAGCACCATTCTC
TTTTCTGGCAGTGAGGTAATCAGGTCTTTTGAAGGGGAGAAGCCACATTGCATCTC
TGCTACACACAAGATTACTCTGTCTTGCCTTTGAGTCTTTCACGCTCCCTTCTTCTGAA
GCATCAGTTTTTATGAAACTTATCACACCTGTCTGTGGGCACATCTTGCTCCATCCCT
CCTCTCTCATATTGTCGGTTTTCCGGTATTGAGTTAGGGAAAGTATGCAGGTATTCCTG
TCATTCCTGACTGAGGCTGTTGTATCTGTCAAAAGAGAGGAGAGGTAGGGGGCATTCTGA
AAAATGATCACTCATGGCTTGCAGGAGCAAGAGCCAGACAGGACTTTGCAACTGGCAGCT
TTCTGAGTGCATAAGACCTCCACCTCTAGACTAGCTCTTCAGTCATGGTTAGCCCCTTCA
GTCCATTATCCTCCAATACAATGCCATGCCTTCTGGGGCTTTCACCTAAGTTTTGTTTA
AAAATGTGGGTTTTTTTTTGAATTATTAAGGCTTTTCCCTTNGTTTTTCCCTGGTGGT
GGCTCAGAGTTAATTCAGCATGAATCAGAGAGGGAATATCCAACACTCGATTCGGAGGAG
AAAATGAAGGTCCTAATANAATTGAAGCTGGACGATCACCTTAAAGTGTATGGGTGAAAT
TGAACCCTAACCCACATTTTGGACTTA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_033208 unedited <pre> NNGGCTCGTGNCCGCGGCCGCTTTCTANATCGAGTTTTTTTTTTTTTTTTTATTTTCAA ACTGTAAATTTTATAACCATTATATAAATGGGCACTGATATACAAAATAATGTCAGTTGC TAAACAAGACAATTCACAGCTGGCCTACATCATATAATGGCAGAAATCTTTAAACACAA AATCTAATGATTAGAACCAGAAGTTGAAGGCCCACTGAAGGAGTCCTTAATATTATGAGG CCTAGGTTTCAAAAAGCTACCAATTCTAGAATGGATTTTACTCTGGAAGTGTGTCATC TATTTCTTGTGTCATCTCTTTCAGTGTGAAGTGAATCTCTGAAACTCAGGTGTGGCATC AACAAAGTCAAGAAGGTAGTCCAACTCTCTTACAGCAGATAATTTAAATTCAGCAGT CTGCTTCTCAGCTTCTCCTCCTTTTGAACAACCTCCTTTGTTATTCCACCTTTGTTTTT TAGGAGACAACCCTTTTCTCATCTCCATTTAACCACACCCTATCATCATCCAACCTAGT TTCCAACCTCCCACTTTTCAAGAATTTCTCTATAATCCCCATGTTCTAAGCCTTGAA ATCATATTCAGGTTCTTTTGTAAAGAAGATTTCCCATGCCATTTGCTATGGTTAATT TGTTTTACTTTCTCCCACTTTTGCCTCGTTAAAATTTGCACTTTTTATTTTGCAGA TTTTTAATTTTGAAACCCCTTTATTCTCTTTCTCTGGCTCTTCATCCCTTTGTTTAA TTTAAACAAGACTCTCTTAAGTTGGTTTCTTTTATCCCCCGGTTGGCGCTCAGATCCCC CCTGTTTCTTTGTTGGATCAGGGTTGAAGGGTTTGGGGGAGAACTCCTTTTTTCCGCC CTTCCTCCCGTGTGCGATTCAAAGAAGAAGAACCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_033208
Insert Size:	2600 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).
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_033208.2 , NP_149985.2
RefSeq Size:	2569 bp
RefSeq ORF:	1650 bp
Locus ID:	91151
UniProt ID:	Q6NT04
Cytogenetics:	16p13.3
Domains:	DDE, CENPB, CENP-B_N
Protein Families:	Transcription Factors

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. The exact function of this gene is not known. [provided by RefSeq, Jul 2008]