

Product datasheet for **SC322140**

TIGD4 (NM_145720) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIGD4 (NM_145720) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIGD4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322140
AATGCGCGCGGGGCCAGAGGCACCGGCTAGAGCTGGGAGCTTGC GGAAGGGCGCCCCTGC
CTGGTCTTGAGAGGTGCGAAGGTCTCCAGGAGGCCTCCGCCTCCCTCTTTTTCATTACAC
ACCCTAGCCTCACACGTTAGGAGGACCCCCAACAGACCGTGAGCTGGTGCCGGGAGGG
TGGAGGTAGATGTACCTCACCTCCACGCTACCACAGAAGAGCGAAAGCTGCTTTCTCAGC
CACCGGAGAGCAGGAAGAAGAAGATATACTGGCAAGTCTAGAAGGATTCTACCATT
TTCTTTTACCATGAACAACTTGAAAATTAATGGGTAATAGTTGCATGAAAACCTTTG
AACGTTTTTTCTATCTCTGAGGCTTCTATGGAGAATTAATAGGAGTTGAATGTGTGC
ATGGATAAAATGGATCATCTTAAAGGATTGAAAGTTCCAAAAATACATCAGCAGGACTGGA
CAGGTTTTATATAATGAGATTTCTATTTTAGCTTGACTTCTACAACCTGAATAAGCTAT
AAACTGAGCTATAACAAGTACTAGGAAGGAAGTTCTCTTCTAAAATATTCTAGTTGCAT
ATAATATTTTTCTTCAGATCTTTGAAAAGCATATTTTGTATCAAGTCTTACAAAATA
AGACTATTAGACACCAACTTTTAGTGTATAAAGTAGGATAGAAAGCAGCAATCTATATTA
TACTGGAAAAAAATTTAATTAAGAAACAGTCACCAGGAAGTTAAGAAGAGTAATCTCT
ACATAAGCACTGGCTGAGATGGCAGAAGCTTCTGTGGATGCCTCAACTCTGCCTGTAACA
GTGAAGAAAAAGAAAAGCCTATCCATTGAGGAAAAGATCGACATCATAAATGCAGTGGAA
AGTGGCAAGAAAAAGCAGAGATTGCTGCTGAATATGGAATAAAGAAAAATTCATTGTCT
TCTATTATGAAGAATAAAGACAAAGTTCTAGAAGCCTTTGAATCTCTAAGATTTGATCCA
AAGAGAAAAAGACTGAGAAGTCTTTTACACAGATCTGGAAGAGGCATTAATGAGATGG
TATCGAATTGCTCAGTGTCTAAATGTACCAGTTAATGGTCCGATGTTACGTCTAAAAGCT
AATGATTTTCCCAGAACTGGCCATAATGATTTTAAAGTGCAGTAATGGTTGGCTGGAT
CGTTTTAAATCCAGGTATGGTTTAGTATTAGAGCTCAACCTGTAGAAGCTACAGGTGTA
CCAGTAGACCTTCGACTGTCTGGTACCAAAATGTAAGTCTTTTATTATTTAAATGATTAT
CCTCTAAAAATGTTTTAATATAAAGAGAGACTGGGCTGCTTTATCGAATGTTACCTACC
AATACATTTGCATTTAAAGCGAAAACATGTTTCAAGTTGAAAAGTTATGCAAAGACAGAATA
ACTCTGGTGGTTGGCACAACATGGATGGCTCAGAGAACTTCCTTTGCTTGTCATTGGA
AAAAAGAGAACTCCACATTGTTTCAAAGGTTTAAAATCATTGCCTGTGTGTTATGAAGCT
AACAGAATGGCATGGATGACCTCCGATGATTTGAACAATGGATGCGAAAGCTTGATGAG
GAATTTCAAGCCAGCAACGAAGAGTGGTGATTTTGTGAGTCTTTCCAGCACATCCA
GAGGTAAGAACCTAAAATCCATTGAGTTAGCATTCTTTCCATCATGTTTATCTTCCAAA
TGTATAGCTATGAAACAAGGTGTTATTAAGGCCTTAAAATCAAATATCGACACTGTCTT
ATCAAGAAATTTTAAAGCTCTGTTGAAGGTAGCAAAGAATTTACATTTTCTACTAGAT
GCAAGTTGATACATTGCATCTTTGCTGGAGGGCTGTAACCCAGAGACTATTGTTAAAAGC
TATGAAGAGGCAGGATTCAAATCTAAAAGGGAGAAAAGTGACATAACAAATGCAGAGAAG
GATACTGGTCTGGATTTGGTTGCTGATGCTCTGGGGCAGGAGTGAATTTCTGAAGGT
TTATCTATAGAAGAATATGCTGCCCTGGATGATGATTTGGAGACATGTGAAGCAGCACCA
AATGGTGATTCGATGCACCAAGAAAGTAAATCGGATGAACTGGATTTTACACTTCT
GATGAAGAGGATGATGATGGATCTCCAGGAACTGAACTCCCTTTACCATCAAATCTGAG
GCAATAACTGCTTTAGATACTCTGAAAAAATTTCTCAGAAGTCAAGATATGAATGACGGA
CTTCAAAATTTTAGCAGACCTTGAAAAATTTTAACTCTTTTACACCTAAGTAACATA
TGTATTGTACATCTAAAGAGTAATAGCTTTTCTGATACATTTTATTATATAAGGTATGT
AAAGGAGTTGTACCACACCACTTAAACATAAAAAATGGAAAAGCTGCTAAAAA
AAAAAAGAAAAA

Restriction Sites: Please inquire

ACCN: NM_145720

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_145720.2 , NP_663772.1
RefSeq Size:	2451 bp
RefSeq ORF:	1539 bp
Locus ID:	201798
UniProt ID:	Q8IY51
Cytogenetics:	4q31.3
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]