

Product datasheet for **SC306264**

TIGD2 (NM_145715) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIGD2 (NM_145715) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIGD2
Synonyms:	HEL106
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145715, the custom clone sequence may differ by one or more nucleotides <pre> ATGTTGGGGAACGTAAGCGTGTGGTGTGACAATTAAGGACAAGCTTGACATTATTAAG AACTTGAGGAAGGCATCTCTTTCAAAAACTTTCCGTGGTGTACGGAATTGGTGAATCC ACAGTTCGTGATATTAAGGAACAAAGAAAGGATTATAAACTATGCAACAGTTCAGAT CCTACCAGTGGAGTATCCAAACGTAAATCTATGAAGTCATCAACATACGAGGAGCTTGAT AGAGTTATGATAGAGTGGTTTAACCAACAGAAAACAGATGGGATTCCAGTGTCCGGAACG ATTTGTGCAAAACAAGCCAAGTTCTTTTTTGATGCTTTGGGAATGGAAGGTGATTTTAAT GCATCGTCAGGCTGGCTAACTCGATTTAAGCAGCGCCATGGTATTCCAAAGGCTGCTGGT AAAGGAACAAAATTAAGGAGATGAACTGCTGCCAGAGAATTTGTGGTAGCTTTCAG GAATTTGTGAAAAGAGAATCTACAACCAGAGCAAAATTTATGGTGCTGATCAAACTGGA TTGTTTTGGAATGTCTACCATCAAGGACATTAACCTTTGAACTGACCAAAAGTACTTCT GGGTGTAGGTCAAGCAGAGAGAGAATCATCATTATGTGTTGCGCAAAATGCCACAGTTTA CACAACTTAATCTTTGTGTTGTGGGAAGGCCAAAAGCCCCGAGCATTCAAAGGCACT GACCTTTCAAACCTTCTGTGACATATTACAGTCAAAAAGGTGCATGGATAGAACAGTCT GTTTTCAGACAGTGGTTTGAAGTACTTTGTGCCACAGGTACAGAAGCATTTGAAATCC AAGGGACTTTTAGAAAAAGCAGTGCTTCTTTAGATTTCCCCCAGCACGTCCAAATGAA GAAATGTTGAGTTCAGATGATGGCAGAATAATTGTGAAGTATTTGCCACCAAAATGCACA AGTCTGATTCAACCAATGAGCCAGGAGTTCTAGCCACTGTAAAAAGATACTATCGAGCA GGACTTCTCCAGAAATACATGGATGAAGGAAATGACCCAAAATATTTTGAAGAAGTCTG ACAGTGTGGATGCAATTTATGAAGTGTCAAGAGCTTGAACATGGTAAATCAAGTACC ATAACCAAGCATGGAAGAACTTTTCCCTGGCAATGAAGAGAATTCAGGTATGAACATT GATGAAGGAGCCATTTTAGCAGTAATTTAGCAACAGTTTACAGAACACAGAAGAATGT GAACATGTTGACATTGAGAATATTGATCAGTGGTTCGACTCTCGGAGCAGTGACTCAAGC TGTCAGGTGCTGACTGACAGTGAAGTGTGAGGACCAGACCAAGGCTGCTGAGCAAAAG CCTTCCAGTAAGAGTAGAAAAACAGAACTGAATCCAGAGAAGCATATTAGCCATAAAGCG GCACTTGAATGGACTGAAAATTTACTGGATTATCTTGAACAACAAGATGCATGCTTCTG TCTGATAAATTGGTATTAAGGAGGCTTCGGACCATAATAAGAAAAAACAGAAGATCCAA AATAACAAAAATCATTAA </pre>

Restriction Sites: Please inquire



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ACCN:	NM_145715
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_145715.1</u> , <u>NP_663761.1</u>
RefSeq Size:	2072 bp
RefSeq ORF:	1578 bp
Locus ID:	166815
UniProt ID:	<u>Q4W5G0</u>
Cytogenetics:	4q22.1
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]