

## Product datasheet for **SC322417**

### TOX4 (NM\_014828) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TOX4 (NM_014828) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOX4
Synonyms:	C14orf92; KIAA0737; LCP1; MIG7
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 SC322417  
 GGAGCGATGAGGGTCTGAGACGGTGGGAGCGGTTGTGTGAAGATGGAGTTTCCCGGAGGA  
 AATGACAATTACCTGACGATCACAGGGCCTTCGCACCCCTTCTGTGACGGGGCCGAGACA  
 TTCCATACACCAAGCTTGGGTGATGAGGAATTTGAAATCCCACCTATCTCCTTGGATTCT  
 GATCCCTCATTGGCTGTCTCAGATGTGGTTGGCCACTTTGATGACCTGGCAGACCTTCC  
 TCTTACAGGATGGCAGTTTTTACGCCAGTATGGGTCCAGACATTGGACATGCCTGTG  
 GGATGACCCATGGCTTGTGAGCAGAGGGCGGGGGGCTCCTGAGTGGGGGCTTGACCATG  
 GACTTGGACCACTCTATAGGAACTCAGTATAGTGCCAACCCACCTGTTACAATTGATGTA  
 CCAATGACAGACATGACATCTGGCTTGTGAGGGCATAGCCAGTTGACCACCATTGATCAG  
 TCAGAAGTGAAGTCCCAGCTGGGTTTGTAGCCTAGGGGGTGGCACCATCCTGCCACCTGCC  
 CAGTCACTGAAGATCGTCTTCAACCACCCCTCACCTACTAGTTCACTTACAGAGGAT  
 GGTGTTGAGGATTTCCGGAGGCAACTTCCAGCCAGAAGACAGTCGTGGTGAAGCAGGG  
 AAAAAGCAGAAGGCCCAAGAAGAAAAAGAAAGATCCTAATGAACCTCAGAAACCA  
 GTTTCAGCATATGCTTTATCTTTCGTGATACACAGGCTGCCATCAAGGGACAGAATCCT  
 AATGCCACTTTTGGTGAAGTTTCAAAAATGTGGCCTCCATGTGGGATAGTCTTGGAGAG  
 GAGCAAAAACAGGTATATAAGAGGAAAACCTGAGGCTGCCAAGAAAGAGTATCTGAAGGCA  
 CTGGCTGCTTACAAGACAACCAGGAGTGTGAGGCCACTGTGAAACAGTGAATTTGGAT  
 CCAGCACCACCATCACAACCTCTTCTCCACCTCCTATGGCTACTGTTGACCCAGCATCT  
 CCAGCACCAGCTTCAATAGAGCCCCCTGCCCTGTCCCATCCATTGTTGTTAACTCCACC  
 CTCTCATCCTATGTGGCAAACAGGCATCTTCTGGAGCTGGGGGTGAGCCCAATATCACC  
 AAGTTGATTATTACCAACAATGTTGCCCTCTTCTATTACTATGTCTCAAGGAGGGATG  
 GTTACTGTTATCCAGCCACAGTGGTACCTCCCGAGGGCTCCAAGTGGCCAAACCACT  
 ACAGTACTATCCAGCCAGTCAACAAGCCAGATTGTCACTCGGTCAGTGTTCAGGCA  
 GCAGCAGCTGCTGCTGCTGCTTCTATGCAACTGCCTCCACCCGACTACAGCCCCCT  
 CCATTACAACAGATGCCACAGCCCCGACTCAGCAGCAAGTTACCATTCTGCAGCAGCCT  
 CCTCCACTCCAGGCCATGCAACAGCCTCCACCTCAGAAAGTTCGAATCAATTTACAGCAA  
 CAGCCTCCTCTGCAGATCAAGAGTGTGCCTTACCACCTTTGAAAATGCAGACTACC  
 TTAGTCCCACCACTGTGAAAGTAGTCTGAGCGCCTATGAACAACAGCCCTGAGGCC  
 CATAAGTGGAGGCACCTTCTCCTGAGACTATCTGTGAGATGATCACAGATGTAGTTCT  
 GAGGTTGAGTCTCCTTCTCAGATGGATGTTGAATTGGTGAAGTGGGCTCCTGTGGCACTC  
 TCACCCAGCCTCGATGTGTGAGGTCTGGTTGTGAGAACCCTCCCATTGTGAGTAAGGAC  
 TGGGACAATGAATACTGCAGCAATGAGTGTGTGGTGAAGCACTGCAGGGATGATTCTTG  
 GCCTGGGTAGCCTCTAGAAATCAACACAGTGGTGTGTTGTGAAATAGTCTTCTCCTGTT  
 TCCAAGCCAGTGAAGAGTTATCTGCTGGGAAAGTGTCCAAGAGCCTGTTTTTGAACACA  
 AGCTGGGCTTCTGGTAGTGCCTCATCACAACCCATGATGGCTGTTGATGTTTACCCCTT  
 TTCTTCTTCCAGCAGAGGCCAGGCTATGGAGCAGGGCCACTGAATTTGCTGTAATCTGGA  
 GATGCTTTTTACTTTCAACCATAAGCGGTAATAGCAGAGGAAAGGGTGAAGGGAGTCTGG  
 GCAAGCAAAGCATAGAGATGGTGGGGTGGTGGGGTTGAAGAACTTGTGGTATAAT  
 GTGCATAGGACTGCCTAAAATATTATTAATAAATTACGGGAGTGTACTCAGCTTTGAAAA  
 AAAAAAAAAAAAAA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_014828

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_014828.2</a> , <a href="#">NP_055643.1</a>
<b>RefSeq Size:</b>	4538 bp
<b>RefSeq ORF:</b>	1866 bp
<b>Locus ID:</b>	9878
<b>UniProt ID:</b>	<a href="#">O94842</a>
<b>Cytogenetics:</b>	14q11.2
<b>Domains:</b>	HMG
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>Component of the PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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.</p>