

## Product datasheet for **SC322682**

### CTR9 (NM\_014633) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CTR9 (NM_014633) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTR9
Synonyms:	p150; p150TSP; SH2BP1; TSBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322682  
 CGGACGCGTGGGCGGACGCGTGGGGGAAGGAGAAGCCAGAGCTCCAGCGCGCCGCGGG  
 GCGGCAGTCAAGACCAGAGCCGGAGCCGTCACCTCTGGATTAGCCTGAAGCGGAGA  
 CTACCGGCTGCGGAGCGGCGGGGCGAGACACTTGCTCGCCTTTTGACCCATCATGTCGC  
 GGGGCTCCATCGAGATTCCCCTCCGGGACACTGACGAGGTCATTGAACTTGACTTCGATC  
 AGTTACCGGAGGGAGATGAAGTTATCAGTATTCTGAAACAGGAACACACAACACTGCACA  
 TATGGATTGCTTTGGCGCTGGAATACTACAAGCAAGGAAAAACAGAAGAGTTTGTAAAAAT  
 TGTTGGAAGCAGCACGTATAGATGGCAATTTGGACTATAGAGACCATGAAAAAGACCAGA  
 TGACTTGCTTGGATACATTGGCAGCGTATTATGTACAACAGGCTCGGAAAGAAAAGAATA  
 AGGACAATAAAAAAGGATCTTATTACACAGGCCACCTTGTGTATACAATGGCCGATAAAA  
 TTATTATGTATGATCAGAACCATTTGTTGGGAAGAGCCTGCTTCTGCCTACTTGAGGGTG  
 AAAAAATGGATCAAGCTGATGCACAGTTTCATTTTGTACTCAATCAGTCTCCAAATAATA  
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 GAGCCCTGGAACCAATTCAAAATGCGTGGGAGCATTGGTTGGACTGGCTGTTCTAGAAC  
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 CTATGCAAGCAGAGAGCTGCTATCAGCTAGCTAGATCATTCCATGTTTCAGGAAGATTATG  
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 CATTTTTTGGTTTGGACAAATGTATATTTATCGAGGTGACAAAGAAAATGCATCTCAGT  
 GCTTTGAGAAGGTTTTGAAAGCTTATCCTAATAATTACGAAACTATGAAAATTCTCGGCT  
 CTCTCTATGCTGCCTCAGAAGATCAAGAAAAACGAGATATTGCCAAGGGCCATTTGAAGA  
 AGGTCACAGAACAGTATCCCGATGATGTTGAAGCTTGGATTGAATTGGCACAAATCTTAG  
 AACAGACTGATATACAGGGTGCCTTTTCAGCCTATGGAACAGCAACCGAATCCTTCAGG  
 AGAAAGTGCAGGCCGATGTTCTCCAGAGATTCTCAATAATGTGGGTGCCCTCCATTTTA



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GACTTGAAACCTAGGGGAGGCTAAGAAATATTTTTGGCGTCATTGGACCGTGCAAAAG  
 CAGAAGCGGAACATGATGAGCATTACTATAACGCCATTTCCGTTACCACGTCATATAATC  
 TCGCCAGGCTATATGAGGCGATGTGTGAATCCATGAAGCAGAAAACTGTATAAAAAACA  
 TCTTACCGGAACATCCTAATTATGTTGACTGCTATTTGCGCCTAGGAGCCATGGCTAGAG  
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 AGGCCAGTACCATGTGGCCCGGCACGCAAAACAGATGAAGAAGAGCGGGAGCTGCGGG  
 CCAAGCAAGAGCAAGAAAAGGAGCTGTTAAGGCAGAACTTCTTAAAGAACAGGAAGAGA  
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 AACGACGTCCACCAAAAGCAGAGAAGAAAAGGCTCCCAAGCCAGAACGTCTGCCTCCAT  
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 CAGACGAGGACGAACAACGAAAGAAATGTGCCTCATCAGAGAGTATTCCGATGAGAACC  
 AGAACAAGTCTGGCAGCGAGGCCGGCAGTCCCCGGAGGCCACGAAGACAGCGGTGAGTC  
 AGGACTCAGACAGTGACCAGCCATCCAGAAAGAGAAGGCCCTCCGTTCTGAGCAGTCTG  
 ACAATGAATCTGTGCAAGTCAGGGAGAAGCCACTCAGGAGTTTCTGAGAACGACTCTCGCC  
 CAGCTTCTCAAGTGCCGAATCAGATCACGAATCGGAGAGAGGATCTGATAATGAGGGTT  
 CTGGCCAAAGGCTCTGAAATGAATCGGAACCAGAGGGATCCAACAATGAGGCCTCAGATA  
 GAGGCTCAGAACATGGGTGAGATGATGACTAGGTTTTATTTTCATCAATAAGCTTCAT  
 CTCTGGAGGAACTTTTTAATATATGAAAGCTGTGATAAAAAATGTTTCAGATGTTTGT  
 CAATTGTGAAATTTTTCTTAAGGCAATTTCTTTTCTATCAGTTTGTATATTTACTAAGCC  
 CCAAGAGACATTTCTGTGCTAGAGTCCAATATTTGAGTCTCTCGTGCAAAATGAGACTAT  
 TCTTTGGTACAATCCACCTATCATATGTGAAAAGTGCAGTAAAAATAAACCCAGATG  
 CTAATATCTTCTACAAAGGTTTACTGAAACTGTGGCAGATGTCTCATCTTCTTTATAT  
 GTTAAGCAGCATACTCTTCTGATTTTTATTGCAATCTTTTACCAAGTGGTGCACAAACTT  
 GGTATTGATGCTTTATCCATTTTGTAGTTAGATTGAGAATATTTTTATTTTCTGAAGG  
 CAGAGATCTACTGTATAATTGCACAAAAGTACATTTGAAAGGAAGGTTTTCAATAGTG  
 TAATACTGCAGCGATGTAGATAAAATCACAAATGTATAATGTGTTAGGTTGAATAAGGTG  
 TGGAAAATGCTTTTCTGTTAGTAGAATGCAAAAACCTACCTAAGCCACATAATAAAAAA  
 TTCTTTTACCAACAAAAA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_014633

<b>OTI Disclaimer:</b>	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_014633.2</a> , <a href="#">NP_055448.1</a>
<b>RefSeq Size:</b>	4348 bp
<b>RefSeq ORF:</b>	3522 bp
<b>Locus ID:</b>	9646
<b>UniProt ID:</b>	<a href="#">Q6PD62</a>
<b>Cytogenetics:</b>	11p15.4
<b>Domains:</b>	TPR
<b>Protein Families:</b>	Protease
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a component of the PAF1 complex, which associates with RNA polymerase II and functions in transcriptional regulation and elongation. This complex also plays a role in the modification of histones. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>