

Product datasheet for SC114923

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014633, the custom clone sequence may differ by one or more nucleotides

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ATGTCGCGGGGCTCCATCGAGATTCCCCTCCGGGACACTGACGAGGTCATTGAACTTGACTTCGATCAGT
TACCGGAGGGAGATGAAGTTATCAGTATTCTGAAACAGGAACACACAACACTGCACATATGGATTGCTTT
GGCGCTGGAATACTACAAGCAAGGAAAAACAGAAGAGTTTGAAAATTGTTGGAAGCAGCACGTATAGAT
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TACAACAGGCTCGGAAAGAAAAGAATAAGGACAATAAAAAAGGATCTTATTACACAGGCCACCTTGTGTA
TACAATGGCCGATAAAATTATTATGTATGATCAGAACCATTTGTTGGGAAGAGCCTGCTTCTGCCTACTT
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CAGCCCTTCTTGGTAAAGCTTGCAATTCCTTCAACAAGAAGGATTACAGAGGAGCTTGTCTTACTATAA
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CATTGGTTGGACTGGCTGTTCTAGAACTCAACAATAAAGAGGCTGATTCCATTAATAATGGTGTCCAGCT
TCTTCCAGAGCCTATACTATTGATCCTAGCAACCCTATGGTATTGAACCATTGGCAAATCACTTTTTC
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ATTACGAAACTATGAAAATTCTCGGCTCTCTCTATGCTGCCTCAGAAGATCAAGAAAAACAGATATTGC
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AGGAGCCATGGCTAGAGATAAGGGAAACTTTTATGAGGCTTCAGATTGGTTAAGGAAGCTCTTCAGATT
 AATCAGGATCATCCAGATGCTTGGTCTTTGATTGGCAATCTTCATTTGGCAAAACAAGAATGGGGTCCTG
 GGCAGAAGAAGTTTGAGAGGATATTAACACAGCCATCCACACAGAGTGATACCTATTCTATGCTAGCCCT
 TGGCAACGTGTGGCTCCAACTTACATCAGCCACCCGAGATCGAGAAAAGGAAAAGCGTCATCAAGAT
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 GAGCTGTTTTGGCCACAAGGATATTTTCGTGAAGCTCGTGATGATTTGCCAAGTAAAGAGAAGCAAC
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 CCAAAAAACGACGTCCACCAAAAGCAGAGAAGAAAAGGCTCCCAAGCCAGAACGTCTGCCTCCATCAA
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 GCCAAGGCTCTGGAAATGAATCGGAACCAGAGGGATCCAACAATGAGGCCTCAGATAGAGGCTCAGAACA
 TGGGTCAGATGATAGTACTAG

**5' Read Nucleotide
 Sequence:**

>OriGene 5' read for NM_014633 unedited
 GATTGGGATTTGTAACCGACTTCACTATAGGGCGGCACGCGCAATTCGGCACGAGGGTTG
 TTTAAGCGGCTGACGGGAAGGAGAAGCCAGAGCTCCAGCGGCGCCGCGGGCGGCAGTCA
 AGACCAGAGCCGGAGCCGTCACTCACCTCTGGATTAGCCTGAAGCGGAGACTACCGGCTG
 CGGAGCGGCGGGGCGAGACACTTGTCTGCCTTTTGACCCATCATGTGCGGGGCTCCAT
 CGAGATCCCCTCCGGGACTGACGAGGTCATTGAACTTGACTTCGATCAGTTACCGGA
 GGGAGATGAAGTTATCAGTATTCTGAAACAGGAACACACAACACTGCACATATGGATTGC
 TTTGGCGCTGGAATACTACAAGCAAGGAAAAACAGAAGAGTTTGTAAAATTGTTGGAAGC
 AGCACGTATAGATGGCAATTTGGACTATAGAGACCATGAAAAGACCAGATGACTTGCTT
 GGATACATTGGCAGCGTATTATGTACAACAGGCTCGGAAAAGAAAAGAATAAGGACAATAA
 AAAGGATCTTATTACACAGGCCACCTTGTGTATACAATGGCCGATAAAATTATTATGTA
 TGATCAGAACCATTTGTTGGGAAGGCCTGCTTCTGCCTACTTGAGGGTGACAAAATGGA
 TCAAGCTGATGCACAGTTTCATTTTGTACTCAATCAGTCTCCAAATAATATCCAGCCCT
 TCTTGGTAAAGCTTGCAATTCCTTCACAAGAAGGATTACAGAGGAGCTCTTGCTTACTAT
 AAGAAAAGCATTGCGTACTAACCCAGGATGTCCANGCGAAGTTCGTTTANGAATGGGTCAT
 TGCTTTGTGAACTTACAAACTGGNAAAGCTCGTCTGGCATTGAGCAGAGCCCTGGGACT
 CATTTCAAATGCGTGA

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014633 unedited GGCAACTTTCCAGGGCCAGGNANAGCACTGGGGNAGGGGTACAGGGATGCCACCCGGGA TCTGTT CAGGAAACAGCTATGACCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTT TTTTAAAAGTTGGTAAAAGAATTTATTATTATGTGGCTTAGGTAGGTTTTTGCATTCTA CTAACAGAAAAGCATTTCACACCTTATTCAACCTAACACATTATACATTTGTGATTTT ATTATACAGTAGATATCTCTGCCTTCAGAAAATAAAAAATTCTCAATCTAAACTCAAAA TGGAATAAAGACATCAATACCAAGTTTGTGCACCACTTGGTAAAAGATTGCAATAAANN NNAAGAGTATGCTGCTTAACATATAAAGAAGATGAGACATCTGCCACAGTTTCAGTCAA ACCTTTGTAGGAATGATTTAGCATCTGGGTTTATTTTTACTGCAGTTTTTACATATGATA GGTGAATTGTACCACAAAGAATAGTCTCATTTCACGAGAGACTCAAATATTGGACTCT AGCCAGGAAATGTCTCTGGGGCTTANTAATATACAACTGATAGAAAGAAAATTGCCTT ATGAAAATTTACAATTGACTAAACATCTGAAACATTTTTATCACAGCTTTCATATATTA AANAAGTTTTCTCAGAATNNNCTTATTGATGAATAAACCTAGTACTATCATCTGACC CTGTTCTGACCTTTCTGAGGCTCATGGTGGGATCCTCCTGGTTGATTATTTCCAAAGC CTGGCCAGACCTATAATAGACCTTTTCCATNCNGATCTGGATTGACTGAAAACCTGCC GGAGATCTTCTAAAACCTGGAGGGCTTTTCTT
Restriction Sites:	NotI-NotI
ACCN:	NM_014633
Insert Size:	4000 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:	<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_014633.2 , NP_055448.1
RefSeq Size:	4348 bp
RefSeq ORF:	3522 bp
Locus ID:	9646
UniProt ID:	Q6PD62
Cytogenetics:	11p15.4
Domains:	TPR
Protein Families:	Protease

Gene Summary:

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]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).