

Product datasheet for RN217525

Ctr9 (NM_001100661) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctr9 (NM_001100661) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctr9
Synonyms:	Sh2bp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217525 representing NM_001100661 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGCGGGGTTCCATCGAGATTCCCCTCCGGGATACTGACGAGGTCATTGAACTTGACTTCGATCAGT
TACCGGAGGGGATGAAGTTATCAGTATTCTGAAGCAGGAGCACACAACACTGCACATATGGATTGCTTT
GGCGCTGGAGTACTACAAGCAAGGAAAACAGAAGAGTTTGTGAAGCTGCTGGAGGCTGCACGGATAGAT
GGCAATTTGGACTATCGAGACCACGAGAAAGACCAGATGACTTGCTTGGATACATTGGCAGCCTACTATG
TACAACAGGCTCGGAAAGAAAAGAACAAGACAATAAGAAAGACCTTATTACGCAGGCAACTTTGTTGTA
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TATTACAATGCCATCTCTGTACCACATCTACAATTTAGCCAGGCTCTACGAGGCCATGTGTGAATTC



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ATGAAGCAGAGAACTGTACAAAAACATTTTACGAGAGCATCCTAACTATGTTGATTGCTATCTGCGCCT
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AATCAGGACCATCCCGATGCCTGGTCTTTGATTGGTAACCTCCATCTGGCAAAACAAGAGTGGGGCCAG
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TCCAAGAAAGGAGGCGAGTTTGTGAGTTTGTCAACGATGACACTGATGACGACCTCCCTATATCCAAGA
AGAAGAAGAAAAGGAAGGGCAGTGGCAGTGAACAGGAAGGCGAAGAGGAGGAAGGTGGAGAGAGGAAGAA
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CCAAAGAAGCGCCGTCCACCGAGAGCAGAGAAAAAGAAGGCTCCCAAGCCAGAACGCCTGCCTCCTTCAA
TGAAAGGAAAAATAAAATCCAAAGCCATTATATCATCAAGCGATGATTCTTCAGATGAGGATAAACTGAA
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GCCTCATCGGAGAGCGACTCAGATGACAACCAGAACAAGTCTGGCAGCGAGGGCGGTAGCCCCGGAGGT
CTGGTAGGCAGGAGTCCGATGAGGATTCGACAGTGACCAGCCGTCCAGAAAGAGAAGGCCTCCGGCTC
TGAGCAGTCGGACAATGAGTCTGCGCAGTCCGGGAGGAGCCCTCCGGAGGCTCAGAGAAATGAGAACGAT
TCTCGCCCGTTTCTCCAAGTGCAGAGTCCGACCAGCAATCAGAGCAGGGCTCTGACAACGAAGTTCTG
GCCAAGGCTCTGGAAATGAATCGGAACCAAGGGCTCAAACAATGAGGCCTCAGACCGAGGCTCAGAACA
TGGATCAGATGATAGCGACTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_001100661
Insert Size:	3522 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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: NM_001100661.1, NP_001094131.1

RefSeq Size: 4234 bp

RefSeq ORF: 3522 bp

Locus ID: 293184

Cytogenetics: 1q33