

Product datasheet for **SC315776**

CR16 (WIPF3) (NM_001080529) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CR16 (WIPF3) (NM_001080529) Human Untagged Clone
Tag:	Tag Free
Symbol:	CR16
Synonyms:	CR16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC315776 representing NM_001080529.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCAGTGCCACCGCCACCCACCTCCTCTGCCTCCACCTCCCCGCCTCTGGGGCTCCTCCCCCT
CCCCACCATCAGCACCCCGGTAAACACAGACACCTCCAGCTTGCAGAGGCAGATCCGAAAGGCCGG
AGTGCGCTGTTGGCTGATATCCAGCAAGGAACTCGCCTGCGCAAAGTCACGCAGATCAACGACCGCAGT
GCCCCGCAGATCGAGAGTTCTAAAGGAACCAACAAGAAGGAGGAGTTCTGCAAACACAGAGGCGCG
AGCACACCTCCCACCCTGGGAGATCTGTTTGTGGTGGCTTTCCTGTATTGCGACCAGCAGGCCAGCGG
GATGTAGCAGGTGGCAAGACAGGCAGGGCCCTGGCTCCCGCGCGCCCTCTCCAGGCTTCCAACAAA
ACCATCAGCGGCCGCTTATCCCGCTGCCTCTCCAGGCTAGGCAATACCTCCGAGGCGCATGGCGCT
GCCAGGACAGCCCGCTCGCCCAACGTGCCTGCCCCGCCCTCCACCCACCCCTCCGCCTCCA
CCCTTACCCCGCCCTTCCCTTCTCCTCCCATCAAACTCCGCTTGTGTCCCACCCGGCCACTG
ACCAAAGGGAACCTCCCGTGGTTGCACCCCGTCCCCTGTGCGCCACCACCTCCACCTCCGCCACCT
CCCCAACGCCACCCCGCTGCCCGCGCTCGGTTCTTAGTGACAAGGCAGTGAAGCCTCAGCTGGCT
CCCTTGACCTCCCGCCATCCCGCCCGCTCCCTCTGCTCCCACCTTGTGGGTATCCGGGGCTCAA
GCGGAGCCCGCCAGCCCTGCGCAAGATGCGCAGGAGCCTCCCGCCCGCCGCCCGCTCCCCCTTAT
GCTTCTTGCTCCCGAGGGCTTCTTTGCCCGCGCCCTTTGCCAGGAGTTAATAGCAGCAGTAAACT
CCACCCCGCTACCCCTAAATCCCCAGCTTCCAGGCCACCCGAGAAGGCCGTTGCCAGGCCTTG
CCCGCCCGCTGCCCTCCGGGCTCCAGCGCTTCTGCAGAAGAAGAGGCATGGCCGACCAGGGGCC
GGTGGGGAAAGCTAAATCCACCTCCAGCACCCCTGCGAGATCACCTACCACAGAGCTTCAAGCAAG
AGCCAGCAGGCCACAGCTGGACCCCGACGCAGCAGCCTGGAGGTCAACTGCGAAATGGAAGCCTGCAC
ATCATTGATGACTTCGAGTCTAAATTCAGTTCATTCTGTGGAAGACTTCCCCCTCCGGATGAATAT
AAACCATGCCAGAAGATTTACCCAGCAAGATCCCCAGAAGCCGTACACCTGGTCCCTGGCTCAAGCG
GAAGCAGTCGGGCAGAGCTCTGATGACATCAAAGGCAGAAATTCTCAGTTATCTCTAAAGACTCTTCGG
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001080529

Insert Size: 1452 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: 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: [NM_001080529.2](#)

RefSeq Size: 4195 bp

RefSeq ORF: 1452 bp

Locus ID: 644150

UniProt ID: [A6NGB9](#)

Cytogenetics: 7p14.3

MW: 49.5 kDa

Gene Summary: May be a regulator of cytoskeletal organization. May have a role in spermatogenesis (By similarity).[UniProtKB/Swiss-Prot Function]