

Product datasheet for **RN202096**

Wscd1 (NM_001024234) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wscd1 (NM_001024234) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wscd1
Synonyms:	RGD1308212
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202096 representing NM_001024234
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCAAACCTTTCTTCAGACTCCAGAAGTTTCTCCGACAACACAGTTCCTGCTTCTCTCTCACGG
 CCGCTACCTGATGACCGGCAGCCTGCTGCTCCTGCAGCGGGCCAGAGTGGCCCTCCACAGGCCCTCCG
 GGCTCCCGGCAGCCTGCAGGCCCTTACCAGTGGCCACTGTGGCACTGGGTGTGGGTCTGCTGGACAGCAGG
 AGCCTTCATGACCCCATAGTAGCCTGACCTACTTGTATGTGGACACACTAAGGAGTCTCTGGCCC
 GAGTGGCACCTGGAATCCGCTGGCCCCGAGAAACCGCAGCTCACTGCGGCGGCGCTGGCTCCACCACCT
 GACCAGTGACCCGAGGGGCCACCCACCCTGGGCCAGAGGCTCTGGACCAGCCAGCCATAACCAAGGC
 AATTACCTGGGATGCTTCAGTGAGGAGGGCCAGGAGAGAACCTGAAGGGGGCAGTGTTCACGACTTGA
 GAAAGATGACTGTGTCCCACTGCCAGGAAGCTTGTGCTGAGAGGTCTATGTCTATGCTGGCTTGGAGGC
 TGGAGCAGAGTGTACTGTGGGAACAGGCTGCCGGCCACACGTGTCAGCCTGAAGGAGTGAACCCAGGAG
 TGCAAGGGGGAGAAAGGCTCCATGTGTGGGGCTCTCCACCGACTCTCCGTGTATAGTGTGGGGCTGCAGC
 AGTCAGGAGCCAAGAAGCGGTGGACTGCCACCTACCGAGGGTGTTCCTGCTGCCTGAGAATATCACCCG
 CACCTTCTCTCTCCATGACACAGGCCAACGTGACTGTGGAGACGTGTTCTGGATTCTGTTCCAGAAA
 GAGTTTCTCTAGCCATCCTCCGGGGCTGGGCTTGCTACTGTGCCTACCTACCCCCAATTACGCTGC
 GGGACGCTGTGGATGGAGCACTGTGCAGCAAGGCACGGAGGCACAAGGGCTACCTGGCTACTGTGAGGT
 CTACCAGACACCTGTGCAAGACACCCGGTGTACAGACAGGAAGTTCTGCCCAACAAGTCTAAGGTGTTT
 GTGGCTCTGTCAAGCTTCCCGGAGCTGGGAACACATGGGCAAGGCACCTGATCGAACATGCCACTGGCT
 TCTACACAGGAAGCTACTTTCGATGGAACCTGTACAACAAGGGTTCAAGGGTGAGAAGGACCACTG
 GCGGAGCCGCGCACCCTCTGCGTGAAGACGCACGAGAGTGGCCGAGGGAGATTGAGATGTTTGACTCA
 GCCATCTGCTGATCCGGAACCTTACCGGTCCCTAGTTGCTGAATTCAACAGGAATGCCTGGACACC
 TGGGCTACGCCCTGACCGCAACTGGAAGAGCAAAGAATGGCCGACTTTGTGAATAGCTATGCCTCCTG
 GTGGTCTCACACGTCTAGACTGGCTCAAGTATGGGAAGCGGCTGCTGGTCGTGCACTATGAGGAGCTG
 CGGCACAGCCTGGTGGCCACGCTTCGGGAGATGGTAGCCTTCTCAATGTGTCCGTGAGCGAGGAGCGGC
 TTCTCTGTGTGGAGAACAAAGAGGGCAGCTTCAGGAGGCTGGCCGGCACCTCACGACCAGGAGCC
 CTTACCCCTGAAATGAAGGACTTGATCAATGGCTATATCAGGACAGTGGACCAGGCCTTGCCTGACCAC
 AACTGGGCTGGACTGCCAGGGAGTATGTGCCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024234

Insert Size: 1719 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:

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_001024234.1](#), [NP_001019405.1](#)

RefSeq Size: 2803 bp

RefSeq ORF: 1719 bp

Locus ID: 287466

UniProt ID: [Q505I3](#)

Cytogenetics: 10q24