

Product datasheet for **MC219243**

Wscd2 (NM_177292) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wscd2 (NM_177292) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wscd2
Synonyms:	4933413A10Rik; C530024P05Rik; Gm450
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219243 representing NM_177292
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAGCTCTGGTTCAAGTTCAGCGGTGTTTCCGGTATTTCCGAGGAAGCCGGTGCCTTCTTTA
 CCCTGCTGGCAATCTACCTGACCGCTGGGAGCCTCGTCTTCTGCACTCGGGCTTCGTGGCCAGCCTGC
 GGTGCCCCAGAGCCAGGCCAGCCCCGACGCGGGAGCCGGTAGAAGGAGCGGAGCTGCCTTTCCTGGGT
 GATTTGCACCTGGGCAGAGGTTTCCGGGACACGGTGGAGGCTCCAGTATTGCACGCAGGTACGGACCCA
 CATTCAAGGGCAAGGACACCAGCGAGAGAGCAAGCTAGGCGACTACGGAGGAGCCTGGAGCCGAGCCCT
 CAAGGGAAGGGTGTCCGGGAGAAAGAGAAGGAAAAGGAGGAGGAGAAAGCCAAGTACATCGGCTGTAC
 CTGGACGACACCCAGAGCCGGCCCTGCGAGGTGTCTTTTTTCGACTACAAAAGATGACAGTCTTCC
 GTTGCCAGGACAAGTGTCTGAACGGGTTATCTGTATGCTGGGCTGGAGTTCGGCGCAGAGTGTACTG
 TGCCACAAAATCCAGGCAGCCAACGTGAGCGAATCAGACTGTGACATGGAATGCAAAGGAGAGCGGGC
 AGTGTGTGTGGCGCATCAACCGTCTCTAGTCTACCGGCTGCAGCTGGCTCAGGAGTCTGCCCGAAGGT
 ATGGAAGTGCAGTGTTCAGGGGCTGCTCCGCCGACCCAAACAACCTCTCCCTGGCCTTGCCCGTGTGAGC
 TGCCATGCCAAACATGTCTGTGGACAAGTGTGTGGACCTCTGCACAGAGAAGGAGTTCGCCCTGGCAGCC
 CTCGCTGGCACTGCCTGCCACTGTGGTTTTCCACCACACGGTCCCTCTTCATGACCGGGAGGATGAGC
 AACTGTGTGCCAGAAGTGCAGCGCGGAGGAGTTCGAGAGCTGTGGGACCCCAAGTACTTCATCGTGTA
 CCAGACACAGGTCCAAGACAACCGCTGTATGGACAGACGGTTCCTCCAGCCAAGTCTAAGAAGCTCATC
 GCTCTAGCCAGCTTCCCGGGCGCTGGCAACACGTGGGCTCGCCACCTCATCGAGCTGGCCACCGGCTTCT
 AACTGGCAGCTACTACTTTGATGGCTCTCTGTACAACAAGGGTTCAAAGGTGAGCGGGACCACTGGCG
 AAGCGGGCGGACCATCTGCATCAAGACCCATGAAAGCGGCCAGAAGGAGATCGAGGCCTTCGACGCAGCC
 ATTCTGCTCATCCGAACCCCTACAAGGCCCTCATGGCTGAGTTCAACCGCAAATATGGAGGCCACATAG
 GCTTTGCCGCCACGCCACTGGAAAGGCAAAGAGTGGCCGAGTTCGTGAGGAATATGCCCGTGGTG
 GGCCACGCACACGCTGGACTGGCTCAAGTTTGGCAAGACCGTCTGGTGGTGCACCTCGAGGACCTGAAG
 CAGGACTGTTTTACGAGCTGGCCGCATGGTCAGCCTGCTGGGCGTGGCGGTGAGGAGGATCGGCTGC
 TGTGCGTGGAGAGCCAGAAGGACGGCAACTTCAAGCGCTCGGGGCTGCGCAAGCTGGAGTATGACCTTA
 CACAGCCGAGATGCGCAGGACATTGCCGCTACATCCGAATGGTGGACACGGCACTACGTAGCCGCAAC
 CTCACTGGGGTGCCTGATGCCTATGGCCAAGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_177292
- Insert Size:** 1716 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_177292.3](#), [NP_796266.2](#)

RefSeq Size: 4332 bp

RefSeq ORF: 1716 bp

Locus ID: 320916

UniProt ID: [D4PHA7](#)

Cytogenetics: 5 F