

Product datasheet for **MR209009**

Wscd1 (NM_177618) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wscd1 (NM_177618) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wscd1
Synonyms:	mKIAA0523
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR209009 representing NM_177618 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACCCGTGGCCATGGCTGACGGCGGCGCTGCTGCTGCTGTTGCTGCTTGTGCAGCTGAGCCGCACAG
 CCAGGTTCTACGCCAAGGTCGGTCTCTACTGCGTGCTGCTGCTGCTTCTCCGCCGCGGCTCGATCGT
 CTGCCTGCTGCCACCGCGGCCGACCGTGGATAACATGAGCATCATCAGCTGGTTCGTTCCGTCCTTC
 AAGTACGTGTATGGCCTTCGCTTTGAGGTCAGCGGACAGAAGAACTGGAGGTGGATGGTCCCTGTGTCA
 TCATCTCTAATCACCAGAGCATCCTGGACATGATGGGTCTCATGGAATACTCCCTAAGCGCTGTGTGCA
 GATCGCCAAGCGTGAGCTAATGTTACAGGGCCTGTGGGCTCATCATGTACCTTGGGGGTGTCTACTTC
 ATCAACCGCCAGCAAGCCAGAAGTGCATGTCTGTGATGGCCGACCTGGGCGACCTCATGGTCAAGGAGA
 ATCTCAAAGTGTGGATCTACCCAGAGGGTACACGCAACGACAATGGGGACCTGTTGCCCTTTAAAAAAGG
 AGCCTTCTACTTGGCCATCCAGGCCAGGTGCCCATCATCCCCGTGGTGTACTCGTCTTCTCTTCCTTC
 TACAATGTCAAGACGAAGCTCTTCACCTCAGGAACAATCAAGGTACAAGTGTGGATGCTGTCCCTACCA
 ATGGTCTGACAGATGCTGATGTACCAAGCTGGTGGACACTTGCTACCAAGTCCATGAGGGCCACCTTTCT
 ACAGATTTCTCAGATTCGCCAAGAGAAGTCTGCCATTAAGGAGCCTGGGTCTTGCCAGCCAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR209009 representing NM_177618
 Red=Cloning site Green=Tags(s)

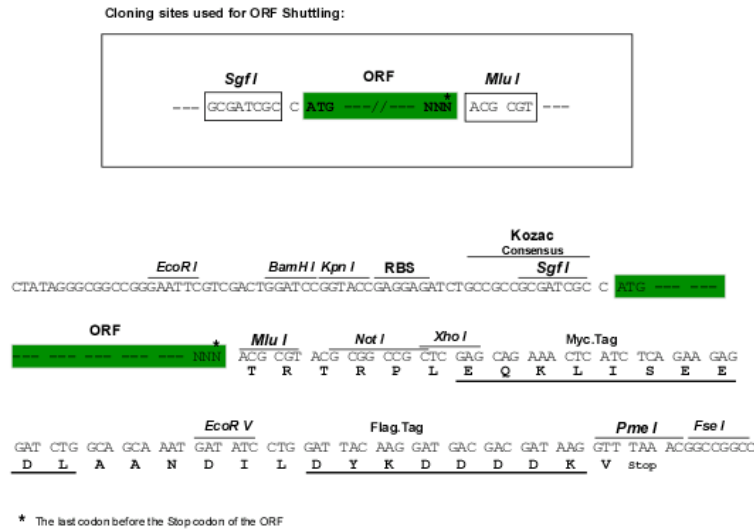
MDPWPWLTAALLLLLLLVLQSRARFYAKVGLYCVLCLSFSAASIVCLLRHGGRTVDNMSIISWFVRSF
 KYVYGLRFEVSGQKKLEVDGPCVIISNHQSILDMGLMEILPKRCVQIAKRELMFTGPGVGLIMYLGGVYF
 INRQQARTAMSVADMGLDMVKENLKVWIYPEGTRNDNGDLLPFKKGAFYLAIAQVPIIPVYSSFSF
 YNVKTKLFTSGTIKVQLDAVPTNGLTDADVTKLVDTCYQSMRATFLQISQIPQENSAIKEPGVLPAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9024_a07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_177618

ORF Size: 834 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq Size: 2761 bp

RefSeq ORF: 1719 bp

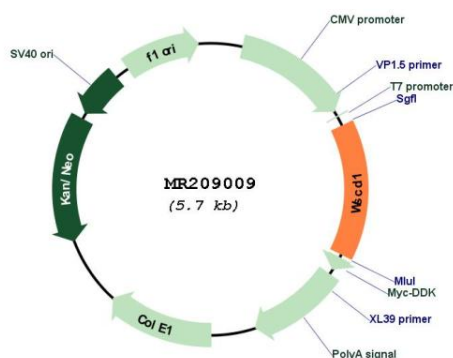
Locus ID: 216881

UniProt ID: [Q80XH4](#)

Cytogenetics: 11 B4

MW: 65.4 kDa

Product images:



Circular map for MR209009