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Product datasheet for MC202184

Wdr78 (NM_146254) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr78 (NM_146254) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr78
Synonyms:	BC028975
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC028975 sequence for NM_146254

GGGAGTCCGGGCATCGCCGAACCTGCTGGGGAAGGGGGCGCCGAGCCCTGGTCTAAAAAGTCACCACCAT
GCATAGCTCTCCGACGAGCACCCGCAAGCAGGCCAGCTTCGCCGCGAGTGCCAGTGCACAACCAAGGAAG
TCCATCAGCTTTATTAACCCATCAAAATCAAGTGCAGGGAAAGGATATGCTGCCTCAAACCCAAACAAAT
TGGCCGTATCAAGAACTATGGGTTTTTTAACTGACATGAAGCCGGCAGAAAAACTAAACGTTCCTAGCGC
TAAAACAGTACAGGTGCTTGATTCAAAAGGAGTTGATGTCACACCCCGACCTCTCTACCATCCAGATCCA
CATGCTGCGTCAGCAAAGCCAAACAAACTCTTGACATCACAAGAAGGATCGCTTGGATCAGATTATATTT
CTTCCTATAGCCTCTATCAGAATACACTAAACCCTAGCATGTTAGGGCAGTACACAAGGTCAGTCCTGGG
GAGCAGTTCAGTGTCGAAGTCAAGCATCTCAACAACTGAGTCGATGTCAGAGGACCTTGAAGATTCCTCT
TACAAGAGGGATAGATTGGCCAGTTTTACAGATGTACGAGTTCTGAGGTCCACAGCTGAGGCAGCCATAT
CAAAGGAAGAGCTGGAGAAGACTATAGAAATCATCCTCACTGAGACGGAAACACTGAGATTCTTTGACCT
GCCAACAGTCATGTTCTCAACAGAGTCTGAAGAAGCTGAGAAAATAATAGAGAAAAATAAGAAGTATGAA
ACCCTTTGTAGAAATAGATTAGGCAATGACTTATACGTAGAAAGAATGATGCAGACATTTAATGGAGCAC
CAAAGAATAAAGAGGTTCAGTGTGAAAAAATCATACTGGAAGAAAAAGGTGTAGTGGCCACTACCTGGGA
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TCATCAAGACTTATTTTACATGGAAAGGGTTTTAATGGAAAATGTGTTTCAGCCGAAGCTTGCAGCCTAC
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CTCAACGTGAGCAGCCTTTCCTGGAATAAAGCAAACCCAGACCTTTTGGCTGTTGGCTATGGAAACTTTG
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GGACTGGATTGTCATGGACACGAACATCTATCTGGCTGGTACAGAAGAAGGCCTTATTCACAAGTGTTCT
TGTTCATACAATGAGCAATACCTAGAGACCTATAGAGGACATAAGTTTGGACCCTCTGATCGTGAATGTT
GCTAACCCTGGAATCAAGTTTACAACCGTTCTGTTTGCCAAAGAGACAGATTGCCTTCTAGTGGGAGACA
GTGATGGCCAGGTTGCAGTCTACGAGCTGAGAAATATGCCTACTGCTTCTGACACTAGCCGGGGAGACGT
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TCTCTAACGGAAAGGGACCAACATCATCTGCTGTAAGCTTAAGAGTCTGACTTGAAGAGAGCAGTATGTA
GGCTACAACTTCCATTCCAATTGACTTAGCTTTTATTTCAGAAACAAGGGATTAGTTTGTAATTTAAGAT
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TAAAATACTTATTAGCAAGTATGTATACCTATAAAATATCCCAATAGCTTAGAAAATGGCTTCTTAAAAA
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GCAGGGGAACAATAATCCGAAATGCATTGCTAGCTTCCTCTCAAAGGACCAGAGTCATCTGCAGAGTCAA
ATGCATTGAGGCCAGACTTAAATTGTCTTAGAAAGAAAACAGAAGGTCTCAGACATACAGACCAGGTCAG
GGTGTTTTCTAAAGTAGTCTAGACAGAGACTGGGCAGTAAGGGTGGGTATACACCCACACACACACAACC
CCCCACACACACCCACACAGACTTGGAAGGGGTTATCCATGTGGGTCACCCTAACTAGTGTTCAGGTGTT
GAATGGGGCCATAGGGCGTGACAGCCTTTTCTGTAAGGTGTTTTGAGTGGAGGAAAGAAGCCAGGGTGTG
TAAATTTCACAAAAAATTTGGAGATCTTTTGTGTCTATGGTGGTGATAAGAGTCCACAGGGCAGTGAGAA
CTACCTACTACGCATAGCCATTGCTTCATGGTCTCCATTTCTTTGGAGCTATGTGTTAGACAAAAGCAAG
GCGATTTTAGCTGGCTCTTGGGTTTAGGCCAGGTCATAAAGATTAGATATTTTCTGCTGGCGTAAGTCAC
TGTGGTTGGCTTTCTAAAAAATATTAAACTGTGTTACTTTGAGTAAGAAAAATAAAAATTTGATTTAGTT GAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN:	NM_146254
Insert Size:	1836 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:	BC028975, AAH28975
RefSeq Size:	3376 bp
RefSeq ORF:	1836 bp
Locus ID:	242584
UniProt ID:	E9PYY5
Cytogenetics:	4 C6
Gene Summary:	Plays a critical role in the assembly of axonemal dynein complex, thereby playing a role in ciliary motility.[UniProtKB/Swiss-Prot Function]