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Product datasheet for MC223469

Wdhd1 (NM_172598) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdhd1 (NM_172598) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdhd1
Synonyms:	A630092E18; AND-1; D630024B06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223469 representing NM_172598
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGGCCACACAGAAGCCCATGAGGTACGGACATACGGAAGGGCACACCGAAGTCTGCTTTGATGATT
CTGGAAGCTATATTGTGACTTGTGGCAGTGATGGTGATGTGAGGATGTGGGAAGACTTGGACGACGATGA
CCCTAAGTCCGTTAATGTTGGAGAAAAGGCATTTTCATGTGCTTTGAAGAATGGAAAATTGGTCACTGCA
GTTTCTAATAATACCGTCCAAGTCTATACATTCCCTGAAGGAGTTCCTGATGGCATATTAACACGCTTCA
CTACAAATGCAAACCATGTGGTCTTCAATGGGGCCGGCAACAAAATTGCTGCTGGGTCAAGTGATTTTCT
GGTCAAAGTTGTGGATGTGATGGATAACAGCCAGCAGCAAACATTTCGAGGACATGATGCCCCTGTTTTA
AGTCTGTCTTTTGATCCTAAGGATATCTTTCTGGCATCGGCTAGTTGTGATGGAACTGTCAGGGTATGGA
ATATATCTGATCAGACCTGTGCTGTCAGTTGGCCAGTACTGCAAAAGAGCAATGACGTGGTGAACGCCAA
GTCCATCTGCAGACTCGCGTGGCAGCCCAAGGCCGGGAAGTTACTAGCAGTTCCTGTGGAAAAATCTGTT
AAGCTGTACAGAAGAGAAACCTGGAGTAATCCATTCGATCTTTCAGATAGTTCCATCTCCCAGACACTCA
ATATAGTAACCTGGTCTCCCTGTGGGCAGTATTTGGCTGCAGGTGCTATTAATGGCTTAATTGTAGTTTG
GAATGTGGAAACCAAAGACTGCATGGAAAGGGTAAAACATGAGAAAGGTTATGCAATTTGTGGCCTGGCC
TGGCATCCCACTTGTAGTCGGATATGTTATACTGATGTGGAAGGAAACCTTGGAGTCCTGGAAAATGTTT
GTGACCTCAGTGGAAAGGTGTCGAGCAATAAGGGCATTATAAATGAGGATGACGATAATGATGACATCAT
GCTGGCTGCAGATCATGACTTGGGAGACGATGAAAACTCAGTTGATGTTACAATGCTAAAAGCTGATCTT
TCTCACAAAGAGGAAGGGGACGATGATCAGGCACGAAGTATTCACAACCTCCCCCTTATAAGACCCCAAA
GGCCATTTTATGATGGGCCCATGCCAACCCCACGACAAAAGCCCTTCCAGTCAAGTTCAACGCCCTTGCA
TCTCTCTCACAGATTCATGGTGTGGAACTCTGTTGGGATTATTCGCTGCTATAACGACGATCAAGACAGT
GCCATAGACGTGGAGTTCCATGACACCTCTATCCATCATGCAACACATCTATTAAATGCTTTCAATTACA
CAATGGGAACTCTTTCCCATGAAGCTATTTTGTTGGCATGTGAAAGTGCTGATGAATTAGCAAGCAAGCT
TCATTGCTTGCACTTCAGTTCTTGGGACTCAAGCAAAGAGTGGATGGTAGATATGCCCCAGAATGAGGAC
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ATCGAAGCCATATGCCTCGGTCTAGGCTGGGCCGCTGCTGCTACCACTGCCTTGCTCCTTCGACTGTTCA
CTATTGGAGGTGTTCAGAAAGAAGTCTTCTGCCTTCCTGGACCTGTGGTATCCATGGCAGGACACGGAGA
ACAGCTTTGCATTGTTTATCATAGAGGTACAGGGTTTGATGGAGATCAGTGCCTTGGAGTTCAACTACTC
GAGCTGGGGCGGAAGAAAAACCAGGTTTTGCATGGTGACCCTCTTCCTCTCACACGGAAATCCTACCTCA
CATGGCTGGGCTTCTCTGCTGAAGGTACTCCCTGTTACGTGGATTCCGAAGGCTGTGTTCGAATGCTAAA
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TACTGGGTGGTTGGTATCCATGAGAATCCCCAGCAGCTAAGGTGCATCCCTTGTAAAGGTTCTCGGTTTC
CTCCCACCCTTCCACGACCTGCTGTAGCTATATTATCTTTTAAGCTTCCTTACTGTCAGACTTCAACAGA
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AATGGTTATGATTATGAGGAGAGCATTAAAAACCAGGCAGTAAAAGAGCAGCAGGAACTCTTAATGAAAA
TGCTTGCGCTGTCTTGTAAACTGGAACGAGAATTCCGCTGTGTGGAACTTGCTGATCTAATGACTCAAAA
TGCCGTGCATTTAGCCATTAAATATGCTTCTCGCTCTCGGAAATTAATATTGGCTCAGAAACTTAGTGAA
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TTCCAAAGTGCCAATTCCTCTGATACACCAGCTCTTAAATCAGGTGCAGTTTTCTCGAGCAGCCAAGGAT
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TAACATTTTAGACAGCATGAACAAATCATCCAGGAAGTCCACTTCTCTTAATCGAATGGAAAACAATGAA
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AGAAAAGAACTCCACAGGCTGATAAGACTGAGGAAGTAAAAGAAAATCCTAAAAGCTCGTCCTCTGATGC
TCCAGCCGTGTGCCTTCAAAACTCGGAAAACCAAAGGCCAAAGACTGGGTTCCAGATGTGGCTGGAAGAA
AATAGAAGTCAAATTTTGTCCGACAACCCTGACATTTCAGATGAAACAGACATAATAAAAGAGGGGATGA
TACGATTTAGAGTATTGTCCGCTGAAGAAAGGAAGGCATGGACTAACAAAGCCAAGGGAGAAACTGCCAG
CGATGGAGCTGAAGCAAAGAAGCGAAAGCGTGTGGTCAGCGAGATCTGTGAGACAGAGAACCAGGAAGAA
ACAGTGAAGGAGAATCTAGATCTTTCTAAAAAGCAAAAGGCGTTAAATCTTCCTGCTAACCAGAAATTGT
CAGCGTTTGCATTTAAGCAGGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172598

Insert Size: 3246 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_172598.3, NP_766186.2

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RefSeq Size:	4190 bp
RefSeq ORF:	3246 bp
Locus ID:	218973
UniProt ID:	P59328
Cytogenetics:	14 C1
Gene Summary:	Acts as a replication initiation factor that brings together the MCM2-7 helicase and the DNA polymerase alpha/primase complex in order to initiate DNA replication.[UniProtKB/Swiss-Prot Function]

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