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Product datasheet for MC223831

Wdr35 (NM_001159527) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr35 (NM_001159527) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr35
Synonyms:	4930459M12Rik; 4931430C06; mKIAA1336
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223831 representing NM_001159527
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCTTCTACCTGAGCAAGAAAATTGCTGTTCCCAATAATGTGAAGCTGAAATGTATATCCTGGAACA
AGGACCAAGGGTTCATAGCATGTGGCGGTGAGGATGGATTACTGAAAGTTTTAAGACTCGAGACACAGAC
AGATGACTCAAAGCTGAGGGGTCTAGCCGCCCCTAGTAACCTTTCCATGAACCAAAATCTTGAAGGTCAT
AGTGGTGCTGTTCAAGTTGTAACGTGGAATGAACAGTATCAGAAGTTGACTACCAGTGATCAAAATGGGC
TTATCATTGTCTGGATGCTGTATAAAGGCTCTTGGTATGAGGAGATGATCAACAATCGCAACAAGTCTGT
GGTTCGAAGCATGAGCTGGAATGCGGACGGACAGAAGATCTGCATTGTGTACGAAGATGGAGCTGTGATC
GTCGGCTCAGTAGACGGGAATCGGATTTGGGGGAAAGACCTGAAGGGAATTCAGCTGTGCCATGTGACCT
GGTCTGCAGATAGTAAAATCCTACTTTTTGGAATGGCAAATGGAGAAATACACATTTATGATAATCAAGG
AAATTTTATAATGAAAATGAAGCTGAATTGCTTGGTGAACGTCACTGGAGCGATCAGTATCGCTGGGATT
CACTGGTACCATGGCACCGAAGGCTACGTGGAGCCCGATTGCCCTTGCCTGGCAATTTGCTTTGACAATG
GGAGATGCCAAATAATGCGGCATGAGAATGACCAAAACCCGGTTTTGATCGACACGGGCATGTATGTGGT
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AAGGACATCAACATCGTGCAGTTCTACACACCGTTCGGTGAGCATCTGGGTACTTTGAAAGTTCCAGGAA
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AGAGCCTCATTTCTATCACCACGTGTGGAGATTTCTGCATTTTGGCTACAAAAGCTGATGAGAATCACCC
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AATTTATCACGTTGATGATGTCCCTTCCGGATCTGTGGATGGGGTGTTTGATTACAGTAAAGCCATTCAA
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GGTACAAGGGATCCAATTTGTGCCATTACTGCATCTGATAAGACATTGATTGTGGGGCGTGAATCTGGCG
TCATTCAGAGGTACAGCTTTCCTAATGTTGCTCTGATTCAAAAGTATTCCCTGGATTGCCGTGCCTGCCA
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TTGGACACTCGGGTGACCGACAGTACAGGGCAGCAGGTCGTTGGCGAGTTGCTAAAACTGGAGCGCAAAG
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GAAATTAAGTCTGTTCTCTTGGATGAGATACTGAAGGACCCAGAGCACCCTAGCAAGGATTACATAATGA
ACTTTGAGATCCGGTCCCTGCGAGACAGCCGAGCATTGATTGAGAAAGTTGGAATTGAAGATGCGTCTCA
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ATGCAGCTAAACTGATGTATAAGATTGCAGATGAAGAGGCGAAGAAAAGGACCAAGCCCCTGCGTGTGAA
GAAACTCTACGTGCTGTCGGCTCTGCTCATCGAGCAGTATCACGAGCAGATGAAAAACGCCCAGCGCGGC
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CAACTAGTCGGTTCACAGATAACGCCTGGAGAGGAGCGGAGGCCTACCATTTCTTTATACTCGCGCAGCG
GCAGCTCTACGAGGGCTACGTTGACACTGCATTGAAGACAGCTCTTCACCTGAGAGACTATGAAGACATC
ATTCCCTCAGTTGAGATCTACTCTCTGTTAGCACTCTGTGCGTGTGCAAGCAGAGCTTTTGGTACCTGTT
CAAAAGCTTTTATTAAACTGGAATCTTTAGAGACGCTCAGTGCAGAGCAGAAGCAGCAATATGAAGACCT
GGCTCTGGAAATCTTCACCAAACACACGCCAAAAGACAACAGGAAGTCTGAATTAAACAGCCTTCTTGAA
GGCGGGGAAGGCAAACTGCCGACCTGTATCGCCACTGGCAGCCCAATCATCGAGTATCAGTTCTGGGTGT
GCAAAGTCTGCAAGCACTACGTCCTCGCCCAGGAGATCAGCAACTACAACTTTTGCCCTTTATGCCACAG
CTCGGTAGAATAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001159527

Insert Size: 3513 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).

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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_001159527.1, NP_001152999.1
RefSeq Size:	4376 bp
RefSeq ORF:	3513 bp
Locus ID:	74682
UniProt ID:	Q8BND3
Cytogenetics:	12 A1.1
Gene Summary:	As a component of the IFT complex A (IFT-A), a complex required for retrograde ciliary transport and entry into cilia of G protein-coupled receptors (GPCRs), it is involved in ciliogenesis and ciliary protein trafficking (PubMed:21473986). May promote CASP3 activation and TNF-stimulated apoptosis (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an in-frame exon in the coding region, as compared to variant 1. The encoded isoform (2) thus lacks an internal segment, as compared to isoform 1.

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