

Product datasheet for MC218347

Wdr8 (BC016120) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr8 (BC016120) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdr8
Synonyms:	2610044M17Rik; 5330425N03Rik; Dd57; Wdr8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC016120 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACTTCTCGGAGTCATTCAAGCTCTCGGGCCTGCTCTGCAGGTTCTCCCGGACGGCAAGTACCTGG
CTTCTGTGTCCAGTACCGATTAGTGATCCGGGATGTGACGACCCTTCAGATCCTTCAGTTGTACACATG
CCTGGACCAGATCCAGCACATAGAGTGGTCTGCAGACTCCCTTTCATCCTGTGTGCCATGTACAGGCGG
GGGCTTGTGCAGGTCTGGTCACTCGAGCAGCCAGAATGGCACTGCAAGATCGACGAGGGCTCTGCGGGC
TGGTCGTTCTCTGCTGGAGTCCAGATGGCCGCCACATCCTGAACACAACCGAATTCATCTGCGAATCAC
GGTCTGGTCCCTGTGCACCAAATCTGTATCTTACATCAAGTATCCCAAGGCTGCCAGCAGGGACTAACT
TTCACCAGGGATGGCCGCTACCTGGCCTTAGCAGAGAGGGGACTGCAGGGACTATGTCAGCATCTTTG
TGTGCAGTGACTGGCAGCTCCTCCGGCACTTTGACACAGACACCCAGGATCTCACAGGGATCGAGTGGGC
CCCGAATGGCTGTGTACTGGCCGCTGGGACACCTGCTTGGAGTACAAGGTTCTGCTGTACTCCTTGGAC
GGCCGCTGCTGTGAGCATACTGTGCCTATGAATGGTCCCTGGGCATCAAGTCTGTGGCTTGGAGCCCCA
GCAGTCAGTTCCTGGCCATTGGGAGCTACGATGGAAAGGTGCGCCTCCTAAATCACGTGACCTGGAAGAT
GATAACTGAGTTTGGGCATCCTGCAACCATTAACAACCCCAAGACAGTAAGTCTGCATACGCTTCCACCC
GAGCACCGTGGTCTCCCGGTGCAGGGAGCCGCCCTTGA

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC016120
Insert Size:	558 bp



[View online »](#)

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:	<ol style="list-style-type: none">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:	<u>BC016120</u>
RefSeq Size:	3973 bp
RefSeq ORF:	878 bp
Locus ID:	59002
Cytogenetics:	4 E2
Gene Summary:	The SSX2IP:WRAP73 complex is proposed to act as regulator of spindle anchoring at the mitotic centrosome. Required for the centrosomal localization of SSX2IP and normal mitotic bipolar spindle morphology. Required for the targeting of centriole satellite proteins to centrosomes such as of PCM1, SSX2IP, CEP290 and PIBF1/CEP90. Required for ciliogenesis and involved in the removal of the CEP97:CCP110 complex from the mother centriole. Involved in ciliary vesicle formation at the mother centriole and required for the docking of vesicles to the basal body during ciliogenesis; may promote docking of RAB8A- and ARL13B-containing vesicles (By similarity).[UniProtKB/Swiss-Prot Function]