

Product datasheet for **RR204137**

Wsb2 (NM_001007616) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wsb2 (NM_001007616) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Wsb2
Synonyms: MGC93822
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204137 representing NM_001007616
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGCCGGAGAGGAACCCCTACTGCTGGCTGAACTCAAGCCCGGGCGCCCCACCAGTTTGATTGGA
AGTCAAGCTGTGAAACCTGGAGTGTGGCCTTTTCTCCAGATGGTTCCTGGTTCGCCTGGTCTCAAGGACA
CTGCGTGGTCAAGCTGGTACCCTGGCCCTTAGAGGAGCAGTTTATCCCTAAAGGATTCGAAGCCAAAAGC
CGAAGCAGCAAGAATGATTCAAAGGACGGGGCAGTCTGAAGGAGAAGACGCTGGACTGTGGCCAGATTG
TATGGGGTTGGCCTCAGCCCATGGCCCTCTCCACCCAGCAGGAACTCTGGCTCCGTCACCATCCCCA
GGTGCCTGATGTCTCCTGCCTGATCCTGGCCACAGGTCTCAACGACGGACAGATCAAGATTTGGGAGGTG
CAGACAGGGCTCCTGTGCTGAATCTTTCTGGCCACCAGGATGTTGTGAGAGATCTGAGCTTCACGCCCA
ATGGCAGCTTGATTTGGTCTCTGCATCCCGGATAAGACTCTTCGCATTTGGGACCTGAATAAGCACGG
TAAGCAGATCCAGGTGCTGTCCGGCCATCTGCAGTGGGTTTACTGCTGCTCCATCTCCCCTGACTGCAGC
ATGCTGTGCTCTGCCGCTGGTGAGAAGTCGGTCTTTCTGTGGAGCATGCGATCTTACACACTAATCCGGA
AACTAGAAGGCCACCAAAGCAGTGTGTCTCCTGTGACTTCTCTCCGATTCGGCTTGTGCTGTTACAGC
TTCGTATGACACCAGTGTGATCATGTGGGACCCCTACACCGCGAGAGGCTGAGGTCACTTCATCACACT
CAGCTCGAAGCTCCCGTGGATGACAGTGTGTCACATGAGCTCCCTGCGGTCTGTGTGCTTCTCCCTG
AAGGCCTATATCTTGCTACAGTGGCAGACGACAGGCTCCTCAGGATCTGGGCTCTGGAAGTGAAGGCTCC
CGTTGCCCTTGTCTATGACCAATGGTCTCTGCTGCACATTCTCCACACGGTGGAGTTATTGCCACA
GGGACGAGAGATGGCCATGTCCAGTTCTGGACGGCTCCGCGAGTCTGTCTCACTGAAGCACTTATGCA
GGAAAGCCCTCCGACGTTTCTGACTACGTATCAAGTCTAGCACTGCCAATCCCCAAGAAGATGAAAGA
CTTCTCACGTACAGGACTTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MEAGEEPLLLAELKPRPHQFDWKSSCETWSVAFSPDGSWFAWSQGHCVVKLVWPWLEEQFIPKGF EAKS
 RSSKNDSKGRGSLKEKTLDCGQIVWGLAFSPWSPSPSRKLWLRHHPQVPDV SCLILATGLNDGQIKIWEV
 QTGLLLLNL SGHQDVVRDL SFTPNGSLILVSASRDKTLRIWDLNKHGKQIQVLSGHLQWVYCCSISPDCS
 MLC SAAGEKSVFLWSMRSYTLIRKLEGHQSSVSCDFSPDSALLVTASYDTSVIMWDPYTG ERL RSLHHT
 QLEAPVDDSDVHMSSLRVCFSP EGLYLATVADDRLLRIWALELKAPVAFAPMTNGLCCTFFPHGGVIAT
 GTRDGHVQFWTAPRVLSSLKHLCRKALRRFLT TYQVLALPIPKMKDFLTYRTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

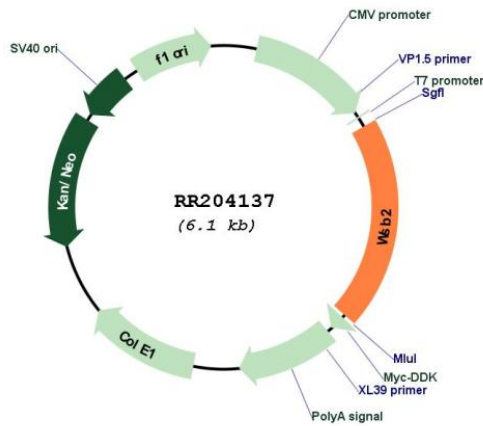
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001007616

ORF Size:	1212 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:	<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:	NM_001007616.1 , NP_001007617.1
RefSeq Size:	1575 bp
RefSeq ORF:	1215 bp
Locus ID:	288692
Cytogenetics:	12q16
MW:	45.3 kDa