

Product datasheet for MC210189

Wsb2 (NM_021539) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Wsb2
Synonyms:	AA673511; Swip2; WSB-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210189 representing NM_021539 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGCCGAGAGGAGCCGCTGCTGGCTGAACTCAAGCCTGGGCGCCCCACCAGTTCGACTGGA
AGTCAAGCTGTGAGACCTGGAGCGTGGCCTTCTCGCCAGACGGTTCCTGGTTCGCCTGGTCTCAAGGACA
CTGCGTGGTCAAGCTGGTCCCTGGCCCTTAGAGGAACAGTTCATCCCTAAAGGATTCAAGCCAAGAGC
CGAAGCAGCAAGAATGACCCAAAAGGACGGGGCAGTCTGAAGGAGAAGACGCTGGACTGTGGCCAGATTG
TGTGGGGGCTGGCCTTCAGCCCATGGCCCTCTCCACCCAGCAGGAACTCTGGGCACGTCACCATCCCCA
GGCGCCTGATGTTTCTTGCTGATCTGGCCACAGGTCTCAACGATGGGCAGATCAAGATTGGGAGGTA
CAGACAGGCCTCTGCTTCTGAATCTTTCTGGCCACCAAGACGTCGTGAGAGATCTGAGCTTCACGCCCCA
GCGGCAGTTTGATTTTGGTCTCTGCATCCCGGATAAGACACTTCGAATTTGGGACCTGAATAAGCACGG
TAAGCAGATCCAGGTGTTATCCGGCCATCTGCAGTGGGTTTACTGCTGCTCCATCTCCCTGACTGTAGC
ATGCTGTGCTCTGCAGCTGGGAGAAAGTCGGTCTTTCTGTGGAGCATGCGGTCTACACACTAATCCGGA
AACTAGAAGGCCACCAAGCAGTGTGTCTCTGTGATTTCTCTCTGATTGAGCCTTGCTGTGCACAGC
TTCGTATGACACCAAGTGTGATTATGTGGGACCCCTACACGGCGAGAGGCTGAGGTCACTTCATCACACA
CAGCTTGAACCCACCATGGATGACGTGACGTCCACATGAGCTCCCTGAGGTCCGTGTGCTTCTCACCTG
AAGGCTTGATCTCGCTACGGTGGCAGATGACAGGCTGCTCAGGATCTGGGCTCTGGAAGTGAAGGCTCC
GGTTGCCTTTGCTCCGATGACCAATGGTCTTTGCTGCACGTTCTTCCACACGGTGGAATTATTGCCACA
GGGACGAGAGATGGCCATGTCCAGTTCTGGACAGCTCCCGGGTCTGTCTCACTGAAGCACTTATGCA
GGAAAGCCCTCCGAAGTTTCTGACAACGTATCAAGTCCTAGCACTGCCAATCCCCAAGAAGATGAAAGA
GTTCTCACATACAGGACTTTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021539
Insert Size:	1215 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_021539.4</u> , <u>NP_067514.2</u>
RefSeq Size:	2438 bp
RefSeq ORF:	1215 bp
Locus ID:	59043
UniProt ID:	<u>O54929</u>
Cytogenetics:	5 F
Gene Summary:	May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]