

Product datasheet for **MC207777**

Wsb1 (NM_001042565) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wsb1 (NM_001042565) Mouse Untagged Clone
Tag: Tag Free
Symbol: Wsb1
Synonyms: 1110056B13Rik; 2700038M07Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207777 representing NM_001042565
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATAAATACACCATGATTAGGAAGCTGGAAGGTCATCACCATGATGTTGTAGCTTGTGACTTTTCTC
CTGATGGAGCATTGCTAGCTACTGCATCCTATGACACTCGTGTGTATGTCTGGGATCCACACAATGGAGA
CCTTCTGATGGAGTTTGGGCACCTGTTTCCCTCGCCCACTCCAATATTTGCTGGAGGAGCAAATGACCGA
TGGGTGAGAGCTGTGCTTTTCAGTCATGATGGACTGCATGTTGCCAGCCTTGCTGATGATAAAATGGTGA
GGTTCTGGAGAATCGATGAGGATTGTCCGGTACAAGTTGCACCTTTGAGCAATGGTCTTTGCTGTGCCTT
TTCTACTGATGGCAGTGTTTAGCTGCTGGGACACATGATGGAAGTGTGTATTTTGGGCCACTCCAAGG
CAAGTCCCTAGCCTTCAACATATATGTCGATGTCAATCCGAAGAGTGATGTCCACCCAAGAAGTCCAAA
AACTGCCTGTTTCCAAAATATTGGCGTTTCTCTCCTACCGCGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001042565
Insert Size: 540 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).



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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>NM_001042565.3, NP_001036030.1</u>
RefSeq Size:	2346 bp
RefSeq ORF:	540 bp
Locus ID:	78889
Cytogenetics:	11 B5
Gene Summary:	Probable 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. Recognizes type II iodothyronine deiodinase/DIO2. Confers constitutive instability to HIPK2 through proteasomal degradation (By similarity).[UniProtKB/Swiss-Prot Function]