

Product datasheet for MR206189

Wwtr1 (NM_133784) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wwtr1 (NM_133784) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Wwtr1
Synonyms: 2310058J06Rik; 2610021I22Rik; C78399; TA; Taz
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR206189 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATCCGTCCTCGGTGCCCATCCGCTCCCGCCAGGGCAGCAAGTCATCCACGTCACGCAGGACC
 TGGACACCGACCTCGAAGCCCTTTCAACTCTGTCATGAACCCCAAGCCAGCTCATGGCGAAAAAGAT
 CCTCCCGAGTCTTTCTTAAGGAGCCGATTCCGGCTCGCACTCGGCCAATCCAGCACAGACTCATCA
 GCGGCCACCCGGGCCCTCGACTAGCTGGCGGCCGCGCAGCACGTCGGCTCGCACTCGTCCGCCATCCC
 TGCAGCTGGGCACCGGTGCGGGAGCCGCTGGAGGCCCTGCACAGCAGCATGCACATCTCCGCCAGCAGTC
 CTATGACGTGACCGACGAGCTGCCGTTGCCCCCGGGTGGGAGATGACCTTCACGGCCACTGGCCAGAGA
 TACTTCTTAATCACATAGAGAAAAATCACCATGGCAAGACCCAGGAAGGTGATGAATCAGCCTCTGA
 ATCATGTGAACCTCCACCCGTCCATCACTTCCACCTCGGTGCCACAGAGGTCCATGGCAGTGTCCCAGCC
 GAATCTCGCAATGAATCACCAACACCAGCAAGTCGTGGCCACTAGCCTGAGTCCACAGAACCACCCGACT
 CAGAACCAACCCACAGGGCTCATGAGTGTGCCAATGCACTGACCACTCAGCAGCAGCAGCAGAGAAAC
 TGCGGCTTCAGAGGATCCAGATGGAGAGAGAGAGGATTAGGATGCGTCAAGAGGAGCTCATGAGGCAGGA
 AGCTGCCCTCTGCCGACAGCTCCCCATGGAACCGAGACCATGGCCCTGTCAACACGCCCTGCCATGAGC
 ACAGATATGAGATCTGTACCAACAGTAGCTCAGATCCTTTCTCAATGGAGGGCCCTATCATTACCGGG
 AGCAGAGCACAGACAGTGGCTGGGTTAGGGTGCTACAGTGTCCCACAACCTCCAGAAGACTTCCCTCAG
 CAACATGGACGAGATGGATACAGGTGAAAATTCGGTCAGACACCCATGACCGTCAATCCCAGCAGACC
 CGCTTCCCTGATTTCTGGACTGCCTTCCAGGAACAAATGTTGACCTCGGGACTTTGGAGTCTGAAGATC
 TGATCCCTCTTCAATGATGTAGAGTCTGCTCTGAACAAAAGCGAGCCCTTTCTAACCTGGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206189 protein sequence
Red=Cloning site Green=Tags(s)

MNPSSVPHPLPPPQQVIHVTQDLDTDLEALFNSVMNPKPSSWRKKILPESFFKEPDSGSHSRQSSTDSS
 GGHPGPRLAGGAQHVRSHSPASLQLGTGAGAAGGPAQQHAHLRQQSYDVTDELPLPPGWEMTFTATGQR
 YFLNHIEKITTWQDPRKVMNQPLNHVNLHPSITSTVSPQRSMVSPQNLAMNHQHQQVVATSLSPQNHPT
 QNQPTGLMSVPNALTTQQQQQKLRLQRIQMERERIRMRQEELMRQEAALCRQLPMETETMAPVNTPAMS
 TDMRSVTNSSDPFLNGGPHYHSREQSTDSGLGLGCYSVPTTPEDFLSNMDEMGTGENSGQTPMTVNPQQT
 RFPDFLDCLPGTNVDLGTLESEDLIPLFNDVESALNKSEPFLTWL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_133784

ORF Size: 1188 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:

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_133784.3](#)

RefSeq Size: 4767 bp

RefSeq ORF: 1188 bp

Locus ID: 97064

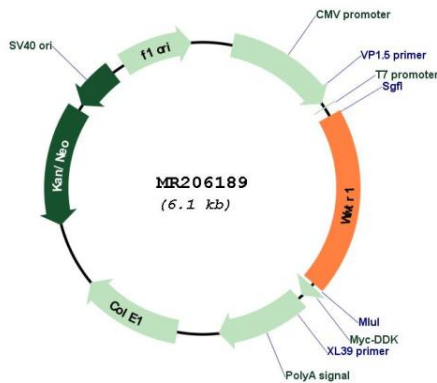
UniProt ID: [Q9EPK5](#)

Cytogenetics: 3 D

MW: 43.6 kDa

Gene Summary: This gene encodes a binding protein of the 14-3-3 family of proteins that regulate cell cycle progression, differentiation and apoptosis. The encoded protein is a transcriptional co-activator that binds to the PPXY motif present on transcription factors. The gene product contains a WW domain and, in the C-terminus, a conserved PDZ-binding motif. This gene is distinct from the gene encoding tafazzin. Both genes share the gene symbol Taz. Multiple transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2010]

Product images:



Circular map for MR206189