

Product datasheet for **RC230037**

MTUS1 (NM_001166393) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTUS1 (NM_001166393) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MTUS1
Synonyms:	ATBP; ATIP; ATIP3; ICIS; MP44; MTSG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC230037 representing NM_001166393 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAACTCCTCCAAAAGGTCCTTCGAGAAAAATTTTACAGCTCTTAATGCAGTTGAAAAGAGCA
GGCAAAGAATCCTCGAAGCTTATGTATCCAGCCACAGACAGCTCCCGATGCGCTGCCCCCTGAGAAAAC
ACTTGAATTGACGCAATATAAAACAAAATGTGAAAACCAAAGTGGATTTATCCTGCAGCTCAAGCAGCTT
CTTGCCTGTGGTAATACCAAGTTTGAGGCATTGACAGTTGTGATTTCAGCACCTGCTGTCTGAGCGGGAGG
AAGCACTGAAACAACACAAAACCTATCTCAAGAACTTGTTAACCTCCGGGGAGAGCTAGTCACTGCTTC
AACCACCTGTGAGAAATTAGAAAAGCCAGGAATGAGTTACAAACAGTGTATGAAGCATTGTCACAGCAG
CACCAGGCTGAAAAACAGAACGAGAGAATCGGCTTAAAGAGTTTTACACCAGGGAGTATGAAAAGCTTC
GGGACACTTACATTGAAGAAGCAGAGAAGTACAAAATGCAATTGCAAGAGCAGTTTGACAACCTAAATGC
TGCGCATGAAACCTCTAAGTTGGAAATGAAGCTAGCCACTCAGAGAACTTGAATTGCTAAAGAAGGCC
TATGAAGCCTCCCTTTCAGAAATTAAGAAAGGCCATGAAATAGAAAAGAAATCGCTTGAAGATTTACTTT
CTGAGAAGCAGGAATCGCTAGAGAAGCAAATCAATGATCTGAAGAGTGAAGATGATGCTTTAAATGAAAA
ATTGAAATCAGAAGAACAAAAAGAAGAGCAAGAGAAAAAGCAAATTTGAAAAATCCTCAGATCATGTAT
CTAGAACAGGAGTTAGAAAGCCTGAAAGCTGTGTTAGAGATCAAGAATGAGAACTGCATCAACAGGACA
TCAAGTTAATGAAAATGGAGAACTGGTGGACAACAACAGCATTGGTTGACAAATTGAAGCGTTTCCA
GCAGGAGAATGAAGAATTGAAAGCTCGGATGGACAAGCACATGGCAATCTCAAGGAGCTTTCCACGGAG
CAGGCTGTTCTGCAAGAGTCGCTGGAGAAGGAGTCAAGAGTCAACAAGCGACTCTCTATGAAAAACGAGG
AGCTTCTGTGAAACTGCACAAATGGGGACCTGTGTAGCCCAAGAGATCCCCACATCCTCCGCCATCCC
TTTGCAGTCACCAAGGAATTCGGGCTCCTTCCCTAGCCCCAGCATTTCACCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_001166393.1](#), [NP_001159865.1](#)

RefSeq ORF: 1248 bp

Locus ID: 57509

UniProt ID: [Q9ULD2](#)

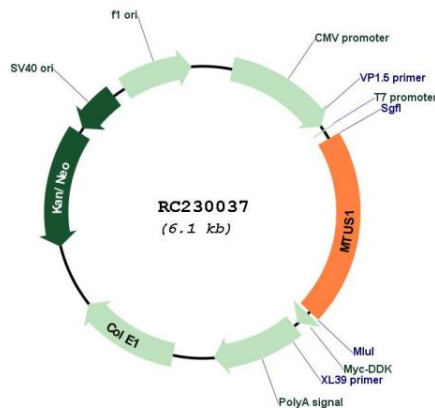
Cytogenetics: 8p22

Protein Families: Druggable Genome, Transcription Factors, Transmembrane

MW: 48.5 kDa

Gene Summary: This gene encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC230037