

Product datasheet for **MR231875**

Tsc2 (NM_001286714) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tsc2 (NM_001286714) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tsc2
Synonyms: Nafld; Tcs2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR231875 representing NM_001286714
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAACCAACAAGCAAAGATTCCGGCTTGAAGGAGAAGTTCAAGATACTGTTGGGATTGGAAACAT
CGAGGCCAAATCCCAGGTGTGCAGAAGGCAAACAGACTGAGTTTATCATCACATCGGAAATCTTGAGAGA
ACTGAGTGGTGAATGCGGCCTCAACAATCGCATCCGAATGATAGGGCAGATCTGTGATGTGGCAAAAAC
AAGAAGCTTGAGGAGCATGCAGTGGAGGCACTTTGGAAGGCTGTCTCAGACTTGCTACAGCCAGAGCGGC
CACCAGAGGCCCGCATGCAGTTCTCACCTTATTGAAGGCCATTGTACAGGGACAGGGTATCGTTTGGG
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TACACCACAGCCGATCCAACCCCACTGACATCTATCCCTCCAAGTGGATCGCAAGACTCCGCCACATTAA
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 GCCCACACCAAAGCCCCAGCTCAAGCCCCTGAGGCTACACCCACCTATGAAACAGGCCAGCGGAAGCGCC
 TCATTTCTCCGTGGATGACTTCACAGAGTTTGTG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR231875 representing NM_001286714
 Red=Cloning site Green=Tags(s)

MAKPTSKDGLKEKFKILLGLGTSRPNPRCAEGKQTEFIITSEILRELSGECGLNRRMIRMIQICDVAKT
 KKLEEHAVEALWKAVSDLLQPERPPEARHAVL TLLKAI VQGGDR LGVLRALFFKVIKDYPSNEDLHERL
 EVFKAL TDNGRHITYLEELAEFVLQWMDVGLSSEFLLVLVNLVKFNSCYLDEYIASMVHMICLLCIRTV
 SSVDI EIVSLQVLD AVVCYNCLPAESLPLFIITLCRTINVKELCEPCWKLMRNL LGTHLGHS AIYNMCRIM
 EDRSYMEDAPLLRGAVFFVGMALWGAHRLYSLKNSPTSVLPSFYEAMTCPNEVVSYEIVLSITRLIKKYR
 KELQAVTDWILLDI IERLLQQLQNLDSPELKTIVHDLLTTVEELCDQNEFHGSQERYEYEL VESYADQRPE
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 KTAVLLGLLVILQTKLYTLPASHATRVYESLISHIQLHYKHGYSLP IASSIRLQAFDFLLLLRADSLHRLG
 LPNKDGVVRFSPYCLCDCMELDRASEKKASGPLSPPTGPPSPVPMGPAVRLGYLPYSLLFRVLLQCLKQE
 SDWKVLLKLVLSRLPESLRYKVLIFTSPCSVDQLSSALCSMLSAPKTLERL RGTPEGFSRTDLHLAVVPVL
 TALISYHNYL DKTRQREMYCLEQGLIYRCASQCVALAICSVEMPDII I KALPVLVVKLTHISATASMA
 IPLLEFLSTLARLPHLYRNFAAEQYASVFAISLPYTNPSKFNQYIVCLAHHVIA MWFI RCRLPFRKDFVP
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 EKVPGINPSFVFLQLYHSPFFGDES NPKILLPNESFERSVQLLDQIPSYDTHKIAVLYVGE GQSSSELAI
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 KHRCDKKRHLGNDFVSI IYNDSGEDFKLGTIKGQFN FVHVII TPLDYKCNLLTLQCRKMEGLVDTSVAK
 IVSDRNLSFVARQMALHANMASQVHHSRSNPTDIYPSKWIARLRHIKRLRQRIREEVHYSNPSLPLMHPP
 AHTKAPAQAPEATPTYETGQRKRLISSVDDFTEFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

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_001286714.1](#), [NP_001273643.1](#)

RefSeq Size: 6261 bp

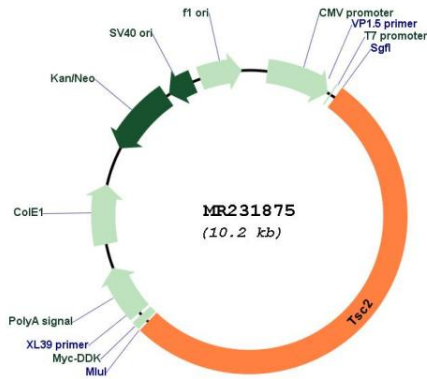
RefSeq ORF: 5358 bp

Locus ID: 22084

Cytogenetics: 17 12.41 cM

MW: 198.9 kDa

Product images:



Circular map for MR231875