

Product datasheet for MR202565

Tvp23a (NM_001013778) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tvp23a (NM_001013778) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Tvp23a
 Synonyms: Fam18a
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR202565 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCTGCCATCTATCTGCTCCTGCTGTTCCCCAGGGCCTAGGGGATGATACTGAGGATGTGTCCCTGG
 ACTTCGGTAATGAAGAGGAGCTGGCCTTAGAAAGGCCAAGATCAGGCACCCCTGGCTACCTTCTTCCA
 CCTGTTCTCCGAGTGAGTGCCATCGTCACCTATGTGTGCTGTGACTGGTTCAGCAAGAGCTTTGTGGGC
 TGCTTTGTCACCGTGCTCCTCCTCCTGCTCTTTGACTTCTGGTCTGTGAAGAATGTAAGTGAAGACTCA
 TGGTGGGTCTTCGATGGTGGAAACAGATAGACGAGGATGGAAAAGCCACTGGATATTTGAAGCCAGAAA
 GGTCTCTGCAAACCACATGGCTGCCACTGAGGCAGAGGCACGCATCTTCTGGCTTGGTCTCATCTCTGC
 CCAGTGATCTGGATTGTGTTCTTCTTTCAGTACCTTGTCTCCTTGAAGCTGAAGTGGCTGGCTCTTGTGA
 TTGCTGGCATTTCCTCCAAGCTGCGAACCTCTACGGCTACATCCTCTGTAAGATGGGAGGCGACGGTGA
 TATGCGCACAGTTGCAGCCAGCTTTCTGTCCCAGACAGTGTTCAGACGGACTTCCCAGGTGACTTCGAG
 AAGCCCAGGCTGGAAGGGCTGGACATCCACCGGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202565 protein sequence
 Red=Cloning site Green=Tags(s)

MACHLSAPAVPQGLGDDTEDVSLDFGNEEELAFRKAKIRHPLATFFHLFFRVSAIVTVVCCDWFSKSFVG
 CFVTVLLLLSDFWFSVKNVTGRLMVGLRWWNQIDEDGKSHWIFEARKVSAHMAATEAEARIFWLGLIIC
 PVIWIVFFFSTLFSCLKLKWALVIAGISLQAANLYGYILCKMGGDGMRTVAASFLSQTVFQTDFFPGDFE
 KPRLEGLDIHRH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001013778

ORF Size: 669 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_001013778.2](#)

RefSeq Size: 3321 bp

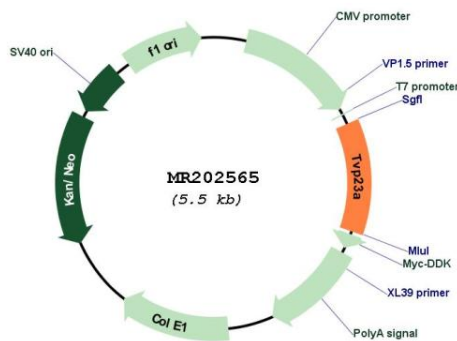
RefSeq ORF: 669 bp

Locus ID: 383103

Cytogenetics: 16 A1

MW: 25.2 kDa

Product images:



Circular map for MR202565