

Product datasheet for MR217765

Tango2 (NM_138583) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tango2 (NM_138583) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tango2
Synonyms:	D16H22S680E; T10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217765 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGCATCATCTTCTTTAAGTTTGATCCTCGTCCTGTTTCCAAAAATGCATACAGGCTCATCTTGGCAG
 CCAACAGAGATGAATTCTATAACAGGCCGTCGAAGTTGGCAGACTTCTGGGGGAACAACAGTGAGATCCT
 CAGTGGGCTCGACATGGAGGAAGGCAAGGCAGGAGGAACATGGCTGGGCATCAGCACACGTGGGAAGCTG
 GGGGCACTACCAACTACCTACAGCCCCGCAAGAGCCAGACGCCCGTGGTAGAGGTGAACCTGTGTCTC
 ACTTTCTGACCAGTGACATGGACAGCCTGTCCTACCTGAAGAAGGTCTCTACAGAGGGCCACCTGTATAA
 CGGCTTTAACATCATAGCAGCTGACCTGAGCACGTCAAAAGGAGATGTTGTTTGCTACTATGGAAACCGG
 GGGGAGCCTGAGCCTATTGTCTTGACACCAGGAACCTATGGGCTAAGCAATGCCCTGCTGGAGACGCCCT
 GGAAGAAGCTGTGCTTTGGCAAACAACCTTTCATGGAAGCAGTGGAGCAGAGCGAAGCACTCCCTAAGGA
 CGTCCTTGTCACTCAGCTCCTAGATGTCCTCAACAATGAGGAGGCACAGCTGCCAGACCCAGCCATTGAG
 GACCAGGGCCAGGAGTATGTACAGCCAATTCTGAACAAGTATGCAGCTGTGTGTCCGCTGTGCCACCT
 ATGGCACCAGAACCAACCATCATCCTTGTGGATGCAATGGCCACGTGACCTTCACTGAACGGAGCAT
 GCTGGACAAAGACCTCTCGCTGGGAGACCAACCTATGAGTTCACACTACAGAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR217765 protein sequence
 Red=Cloning site Green=Tags(s)

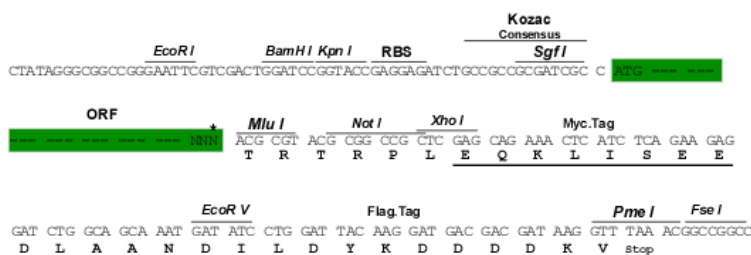
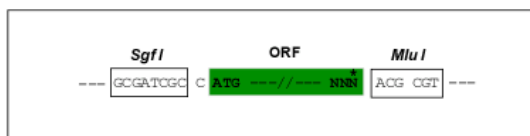
MCIIFFKFDPRPVSKNAYRLILAANRDEFYNRPSKLADFWGNNSEILSGLDMEEGKAGGTWLGISTRGKL
 GAL TNYLQPRQEPDARGREL VSHFLTSDMDSL SYLKKVSTEGHLVGNFNIIAADLSTSKGDVVCYYGNR
 GEPEPIVLTPGTYGLSNALLETPWKKLCFGKQLFMEAVEQSEALPKDVLVTQLLDVLNNEEAQLPDP AIE
 DOGOEYVOPILNKYAAVCVRCATYGTRNTIILVDANGHVTFERSMLDKDTSRWETNYEFTLOS

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM 138583

ORF Size: 828 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_138583.2](#), [NP_613049.2](#)

RefSeq Size: 1529 bp

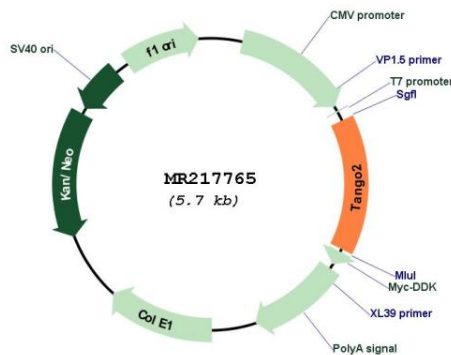
RefSeq ORF: 831 bp

Locus ID: 27883

Cytogenetics: 16 11.34 cM

MW: 30.9 kDa

Product images:



Circular map for MR217765