

Product datasheet for **MR214962**

Tcp11x2 (NM_027952) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcp11x2 (NM_027952) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tcp11x2
Synonyms:	1700008I05Rik; C77164; TCP11; Tcp11I3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR214962 representing NM_027952
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCAAGAGTGAGAAAATTATATCCAAAAGGACTCCAGTCCATCTGAAAATGGATCCCCAAAACCCAG
 AAACATCAAGCAAGAACCAGGAAGATAAGACCAGTTCAGAGGTCCACTCTGCAGAGAACCAGCTTGACG
 AATTTCTAATGAAGATACAGGAAAAGTTAATGAAGTTTCAAATTTGAATGTTGCTTCTGAAAATGCCATA
 GAAAAGAATGATTTACCTGAAGACAGTCCAGAAAGCCAATTCGTGGAGACAATGTACAATGCATTTTGGG
 ACCACTTGAGAGATCAACTGTCACAAAACCCCTCTGACTTTTCTGTGTTCTTGAACCTATAAAAAACAT
 AAAACAGATTTTAAATGGCACTACTATTACCACGTCAGAATCTTCTAAGAAATGAGATTGAAGAGGTACTG
 GATTTGGATCTCCTCAACAAGAAACAGAGCACGGGGCTCTGGATATTCTGCATCTCTCCACTATATTC
 TCAACTTGATGGCCCTCATGTGCGCACCAATTAGAGATGAAGCTGTAAGGAATTAGAAAACATAAAAGA
 TCCAGTACAGTACTGAGGGGTATCTTCAAGTTTtaggCCTGATGAAAATGGATATGGTGAACATACT
 ATTAAGAACATTCGACCATATTTACAGGAACATTTCTATACAATATGAACGAGCTAAATTTCAAGAACTCC
 TTGACAAAACAGCCTGATCGACTTGATTGCACCACAAAATGGATGACTAGAGCTGCCACAGAGATTATTAC
 ATCACTTTCAAGTTTATCTGCACTTTCATGTATCTTCTGGCGTAATAAGTTTCATTTCTACTCCAAAAG
 CCTGACCCAGATCCACCCAGTCTTACAACAGTGTATACCAAGGGTACCTAAATCTTGTCTCAGGGACC
 ATGGGAATGAAGAATTCCTGAGACTCTGCTGATGGATAAAGCAGACTGCAGACTATGAGATCCAAATT
 TCGCCACTTGACTATTCTAGCCTCAGTTTTACTGGTGGCAAGAAGTTTCTTGTGGTGTTTTATTCAGC
 TCACCAGAATTTGTGGATAAATTGAAGTGCATAACAAGGCTCTAACTGAAGATTTAGTCCAAGCCAGC
 AAGAATCTATGTTAAGTGTGAGTGAACAAGTGTCTCAGGAAATCCATCAAGGTCTCAAAGACACAGCCT
 AACTGCTCTGAGCAGTGAAAACAGGGCATCACTTGTAGGACAACCTGCGGAACATTGCCAAGAAAGAGAA
 TGATTCTGATATCATTGAACAACGGATGCATTTATTTCTAAATGCTGTTTGATTGCTGGCATGCAAG
 AATCTCTCTAGACTTCCTGGATGCTTTCTTTTCATTGAGCCAGAGTTAGCAGAAGTAGGATGGAAGTT
 TGTTAATCTGATGCACCACAACCAGCATGTGTTTAGCCGTAATGCTGAAATCCTAAAAAACATCATC
 TCAACACAAAATGATGAAGACGAAGAAAAGCCAATCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214962 representing NM_027952
 Red=Cloning site Green=Tags(s)

MPKSEKIISSKDSPPSENGSPKPEPSSKNQEDKTSSEVHSAENQLAAISNEDTGKVNEVSKLNVASEIAI
 EKNDLPEDSPESQFVETMYNAFWDHLRDQLSQTTPDFSCVLELIKNIKQILMALLPRQNLRLNEIEEVL
 DLDLLKQETEHGALDILHLSHYILNLMALMCAPIRDEAVKELENIKDPVQLLRGIFQVLGLMKMDMVNYT
 IKNIRPYLQEHSIQYERAKFQELLDKQPDRLDCTTKWMTRAATEIITSSLSVTSCISSGVISSFPKPK
 PDPDPPSLTTVLVYQYLNLVLRDHGNEEFPETLLMDKARLQTMRSKFRHLTILASVLLVARFSVCGVLF
 SPEFVDKLLKICITKALTEDFSSKPEESMLSVSEQVSQEIHQGLKDTGLTALSSENRAVLVGLRNIKAKEN
 CIRIIIEQRMHLFLKCLIRGMQESLLDFPGCFLFIEPELAELGWKFVNLMHNHQHVFSPPYAEILKNII
 STQNDEDEEKPIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9060_h11.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_027952

ORF Size: 1509 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_027952.3](#), [NP_082228.2](#)

RefSeq Size: 1776 bp

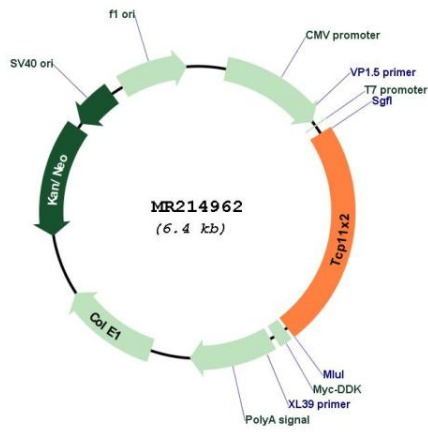
RefSeq ORF: 1512 bp

Locus ID: 71841

Cytogenetics: X F1

MW: 57.1 kDa

Product images:



Circular map for MR214962