

Product datasheet for **RC238023**

TCP11X2 (NM_001277423) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TCP11X2 (NM_001277423) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TCP11X2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC238023 representing NM_001277423
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTACAATGCTTTTTGGAACCATCTGAAAGAACAGCTATTGAGTACTCCTCCTGACTTCACCTTGTCGCC
TTGAACCTCTAAAAGATGTTAAGGAGAACCCTAAGAAATGAGATAGAAGAAGCTCTGGACACAGATCT
CCTCAAGCAGGAAGCAGAACATGGGGCCCTGGATGTCCCTCATCTTTCTAACTACATTCTCAATTTGATG
GCTCTGCTATGTGCACCGTTTCGAGATGAAGCGATACAGAAACTAGAGACCATAAGAGATCCAGTGCAGT
TACTGAGGGGCATCCTCCGTGTTCTGGGCCTAATGAAAATGGACATGGTGAACATAACCATCCAGAGCTT
TCGACCTACCTGCAGGAACATTCCATCCAGTATGAACAAGCTAAATTCAGGAACCTCCTTGATAAACAG
CCCAGTCTCCTCGATTATACCACAAAATGGCTAACCAAAGCAGCCACAGACATCACTACACTATGTCGGA
GTTCTCCTGACTCACCTAGCTCCTCCTGCAGCATGGCGTGTTCACCTCCAAGCGGGCAGGTAACAATTC
AGAGCCCCCAGTCCAACAATGGTGCTATACCAAGGCTACCTGAACCTCCTCCTCTGGGATCTTGAAAAC
GTAGAATCCCAGAGACTCTGCTGATGGACAGAATCCGGCTCCAGGAACGGCATTCCAGTTGCACCACT
TAACTGTCTGGCCTCAGTCTTGCTAGTGGCCAGAAGCTTCTCTGGTGAAGTTTTATTAGATCACCTGA
ATTTGTGGATAGACTGAAATGCACCACCAAGGCCCTAACTGAGGAATTTATCTCCAGGCCTGAAGAGACT
ATGCTGAGTGTGAGTGAACAGGTGTCTCAGGAAGTCCATCAAGGCCTTAAGGACATGGGCCTCACTACTC
TGAGCAGTGAAAACACAGCATCTCTTCTAGGCCAACTCCAGAACATCACCAAGAAAGAGAAGTGCATTTCG
TAGCATTGTTGATCAGTGGATCCGTTTTTTTTCTCAATGCTGTTTGTTCATGGCATGCAGGAGTCTCTG
CTACACTTTCTGGAGGCCTCATTCTATTGAAAAGGAGTTGGCAGAAGTGGGCTGGAAGTTTCTCAATC
TGATGCATCATAATCAGCAGGATTTGGCCATACTATGCTGAGATCCTAAAACACATCATCCATCCAGC
TCAAGCACAAAGAAACAGATGTGGAGCCTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC238023 representing NM_001277423
 Red=Cloning site Green=Tags(s)

MYNAFWNHLKEQLLSTPPDFTCALELLKDVKENRLRNEIEEALDLDLQAEHGDVPHLSNYILNLM
 ALLCAPVRDEAIQKLETIRDPVQLLRGILRVLGLMKMDMVNYTIQSFYQEHSIQYEQAKFQELLDKQ
 PSLLDYTTKWLTKAATDITTLCPSSPSPSSSSCMACSLPSGAGNNEPPSPTMVLYQGYLNLLWLEN
 VEFPETLLMDRIRLQELAFQLHQLTVLASVLLVARFSGEVLFRSPEFVDRKCTTKALTEEFISRPEET
 MLSVSEQVSQEVHQGLKDMGLTTLSSENTASLLGQLQNIITKENCIRSIVDQWIRFFLKCCLLHGMQESL
 LHFPGGLILIEKELAEGLGWKFLNLMHNNQVFGPYAEILKHIHPAQAQETDVEPN

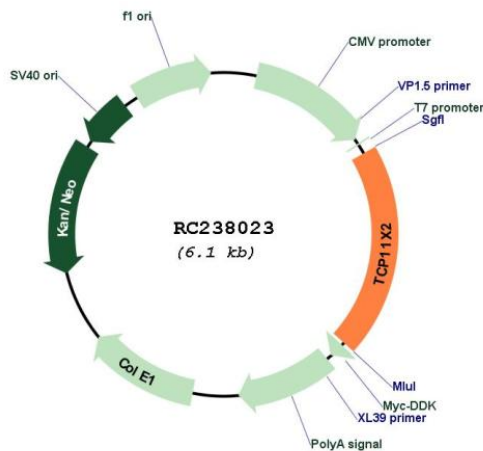
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001277423

ORF Size:	1221 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:	<ol style="list-style-type: none">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_001277423.1 , NP_001264352.1
RefSeq Size:	1747 bp
RefSeq ORF:	1224 bp
Locus ID:	100996648
UniProt ID:	Q5H9J9
Cytogenetics:	Xq22.1
MW:	46.8 kDa