

Product datasheet for **MC220970**

Trappc12 (NM_178811) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trappc12 (NM_178811) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trappc12
Synonyms:	CGI-87; D930014A20Rik; Ttc15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220970 representing NM_178811
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACAGCTAAAGATGGTGAGCAGAGCCCAAGTGAGGCATCTCCTTCAGCCCAGGCAGTCTCTGAAA
 ACATCCCGGAGCCTATGTCTCGGGAGGAGAGCCAGCCATTGTACCATGAAGAGACCATTGATCTTGG
 TGGAGATGAGTTTGCATCTGAAGAGAACGAGCCACATCGGAAGGGTCTCACAACCTTCGGAGATAAGCTT
 AATGAGCACATGATGAAAGTGTGCTCATCTCCGACTCTCCTAACACAGCGAGGGGGACGTTGGCGACC
 TCGGCTGTCTACAGGATGTTGGGAGCCCCCAGAGGTGCCACTGATCACCGACTGCCAGTAGCACAGA
 CAAAGAAGTGGTGGACACTCTGAGTAATGGCAGTCAAACCGATGGAGACGACACTCCAGAGACATCTCA
 GACATGACACCTGATAGCAGAGCCTCTCTGAAGGAAGACTCAACACAGGAAGATGTGACGAGCATGCCTG
 CACTGGAGAATGCTGCCACGGAGGAAGTCGGCCCTAAGGACAGCCTCGCGCCCCGAGAAGAGCAGACCTC
 AGAAGTGTCTCCAATCAGTCTCTCTCAAAGACGAGCCCTTGCCCGTCTGCACCATCTTCAGCCAGGCT
 ACCGCCACTCCCTCCAGCCACACTGTTTCTACAGGATGGCTTCGAGTCCCAGATGGTGAATACCCCA
 GTTTCAGTAGCACCAGTGAACGTCAGCCAAGACCCCTCTCCGATGGTCCAGCCAGTCCCAGCCCTCAG
 TACATTTTTTGGAGATACAATGAGCTCTAATTCCTTGGCCTCTGACTTCTTTGATTCTTTCACAACCTTCT
 ACTTTTCATTTTCAGTCAGTAATCCCAATGCAGGTTCCCGAGTTCAGAAAAGCTGTCTTCACTCACTGCC
 CTGTAGGAGAGAAGTCCCGGATTCACCCAGCCACTTACTCCACAAGGATGGATAGATCGGAATCAGG
 TGTTCCTCGGGCCCTCTGGATGTCCTGAATCTCAAAGCCATTTTCACAGATCCAGGCTGTGTTTGTCT
 GGAAGTGTGACCCCTTCGCCACAGCCCTGAGCATGAGTGAGATGGACCGGAGGAATGACGCATGGCTTC
 CCAGTCAGCGGACCAAGAAAGTCTGATGTCAGTAGCAACCCAGCAGTATGGCACTGTGTTTCATAGACAA
 GGAGAACCTCACTATGCCTGGCCTCAAGTTTGACAACATTCAGGGAGATGCAGTTAAAGACTTGATGCTT
 CGTTCCTGGGTGAGAAGGCTGCAGCAAAGAGACAGGTCTTAAATGCCAGCTCAGTGGAGCAGTCTTTG
 TGGGGCTGAAGCAGCTCATTAGCTGCAGGAACTGGAGGGCAGCAGTGCACCTGTGTGGACGCTGTCTAC
 AGCCACGGACAAGGCTATGGCAAGAAATGGGCTGCCACCCAGCCACACCAGACTCCTTGCAGCTCTGG
 TTTGTGAGGTTGGCGCTGCTGGTGAAGTTGGGCCTTTTCCAGAATGCTGAGATGGAGTTTGAACCTTTG
 GAAATCTGGATCAACCAGACCTATACTATGAATACTACCCACACGTGTACCCAGGACGCAGGGGCTCCAT
 GGTCCCTTTTCGATGCGTATTCTGCATGCAGAACTGCAGCAGTATCTGGGGAACCCACAGGAGTCCCTG
 GACCGATTACACAGGGTCAAGACCGTCTGCAGCAAGATCTTGCCAACTGGAGCAAGGCTTAGCTGAAG
 ATGGTGGTCTGAGCAGCGTCACCCAGGAAAGCAGGCAAGCCTCTGTTGAGCTGTGGAGGCTCGTCTGGG
 CCGTGTGCTGACTCCATGGCAAAGTGTCTGCTCCTGATGAAGGACTATGTGCTGGCTGTGGATGCCTAC
 CTCACAGTAATCAAGTACTACCCGGAGCAGGAGCCACAGCTGCTGAGTGGAAATCGGCCGATTCTCCTCC
 AGATCGGAGACATAAAAAACAGCTGAAAAATATTTTCAAGACGTTGAGAAAAGTAACTCAGAAGTTGGATGG
 ACTGCAGGGTAAAATAATGGTCTAATGAACAGAGCCTTTCTGTACCTTGGCCAGAATAACTTCGCAGAA
 GCTCACAAGTTCTTCACAGAGATTTTGAGAATGGACCAACAAATGCAGTGGCCAACAACAATGCTGCTG
 TGTGTCTGCTTTACCTGGGAAAGCTCAAGGACTCCCTGCCGACGCTGGAGGCCATGGTGCAGCAGGACCC
 CAGGCACTACCTGCACGAGAGCGTGTCTTCAACCTGACCACCATGTACGAGCTGGAGTCTCAAGGAGC
 ATGCAAAAAGAAGCAGAGCCTACTTGAGGCCGTTGCTAGCAAAGAAGGGGACAGCTTCAACACACAGTGCC
 TGAAGCTGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_178811
Insert Size: 2394 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_178811.4 , NP_848926.3
RefSeq Size:	3394 bp
RefSeq ORF:	2394 bp
Locus ID:	217449
UniProt ID:	Q8K2L8
Cytogenetics:	12 A2
Gene Summary:	<p>Component of the TRAPP complex, which is involved in endoplasmic reticulum to Golgi apparatus trafficking at a very early stage. Also plays a role in chromosome congression, kinetochore assembly and stability and controls the recruitment of CENPE to the kinetochores.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>