

Product datasheet for **RN213475**

Tcp11I2 (NM_001017458) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcp11I2 (NM_001017458) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tcp11I2
Synonyms:	RGD1307494
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213475 representing NM_001017458
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTTCAACGGTGAGAAGCAATATGTGAACGAGGACCAACAGAGTGATTCAGAGTCTTCTCGCTTCT
 CTGAAAGTACGGCTTCCCTCAGTACTACGGGTGTTCCAGACAAAGCTTACCAGCGATTCTCCAGCAA
 ATCCAGCTCTCCTGCCTCAACAAGCCCTCCCGGGGCATAATGTTTCGATGACGTGATGGCTGCAGCAAAG
 AACTTATCAGACATGACTCTGGCTCACGAAATAGCTGTAACGAGAACTCCAGCTGAGGCCAAACGCTC
 TCCAGAGAACAGCCTGGCTGGTCAAGTGAAGCGTGTGTTCCAGGCTTCTGGGACGTCTTGAAGC
 GGATCTCAGTGTGAGCCTCCCAAGTATGAATACGCCATCAAAGTGTGAAAGAAATCAGAGAGATTCTT
 CTCTCTTTCTCACTCCTGGCGGAACAGGCTTACAGCCAGATCTGTGAAGTTTGGACATCGATCTCA
 TTAGGCAGCAGGCCGAGCACAGTGTGATATCCAAGGTCTGGCCAACTATGCATCAGCAGATGGG
 AAAGATATGTGCTCCTGTGAGAGACGAAGACATCAGAGAGCTGAAAGCTACTACCAACATCGTGGAGATG
 CTGAGACAAATCTCCGTGCTTGGACCTCATGAGAATGGACATGACAAATTCGTCATTAGGAATATTA
 GACCGCACATCCAGCACCATTGGTGGAAATACGAGAGAAACAAATTCAGGAAGTTCTAGAAGAAATCC
 AAATGCCCTCAGTCAAACCACGGAATGGCTAAAAGAGTCCATAGATAAAGAATTATTTCTGAGACTGAT
 GTAGCTCCTGGAGCTGAACACAGCTCCACACCAAGCCTAAGCCCTCTGACGGTGTAAACAATTGTTACT
 TGAAACTCCTCAGTGGGATTATCAGAAAAACGCTTACCAGAGACACTCATGACAGATGGACCACGGCT
 TCAGGAACTGACAGAAAAGCTCAATCAATTGAAGATGATCGCCTGCGTGTCCCTAATTACCAACAACATG
 GTGGGTGCTGTTACAGAAGGCCCTGCCTGAGCTTGCAAACAGGTTAAAAAGGATCTCAGCTGTTCTGCTCG
 AAGGCATGAGTAAACAGACCTTTAACTTGAAGGAGGCCCTGAAGCTTATTGGTGTTCAGACTGTGCTGA
 AGTTAATAAGGCCCTGAAAGAGAGAGGCTCGCCACCCTAAATGCTGAGGTTCAAGCTAATCTTGTGCGGT
 CAGTTCACAAGCCTTGAAGAGAAGGACAATCCAGTCTGTGCCTTGATGGATAAACGGATCCAGTTGTACA
 TGAAGAGCCTGCTCTGTCTTCCAAGCACTCAGAAGAGCAGGCCTCCTGTGCCAGGTGGCCTTGATGTCAT
 TCAGCAGGAGCTGGAAGTGTGGCTGCCAGTATGCAAACATCGTGAATCTCAACAAGCAGGTGTATGGA
 CCTTTTATGCAAATATATCCGAAAGCTGCTCTCCGGGATGAAGCCATGGGGAAGATAGATGCTTCAC
 TTCCTACCAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001017458
- Insert Size:** 1554 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:

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_001017458.1](#), [NP_001017458.1](#)

RefSeq Size: 2293 bp

RefSeq ORF: 1554 bp

Locus ID: 314683

UniProt ID: [Q568Z0](#)

Cytogenetics: 7q13