

Product datasheet for **RN214010**

Ttc25 (NM_001107049) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc25 (NM_001107049) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc25
Synonyms:	RGD1311859
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214010 representing NM_001107049
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCATGTCCGATGGCGAAGCTGATAACTTGCGAAGCACCTTCCCTCTTACATGGCAGAGGGCGAGA
 GGCTTTATCTGTGCGGGAGTTCTCTAAGCGGATTCAAAGTTTTTCCAACGCCCTTCACCTTCAAAGCGG
 GGACAAGAACTGCCTGGTTGCCCGCTCCAAGTGCTACCTGAAGATGGGAGACTTAGAGAAGTCCTTGGA
 GATGCTGAGGCCCTCACTTCAGAATGACCCGACTTCTGCAAGGGGATCTTACAGAAGGCAGAGACGCTGT
 ACACCATGGGAGACTTTGAGTTTGCCCTGGTGTCTACCATCGAGGCTACAACTGAGACCCGATCGGGA
 ATTCAAAGTTGGAATTCAGAAAGCCAGGAAGCCATCAACAACCTCGTGGAAGCCCTTCTTCAATTAAG
 CTGGAGAACAAAGGAGACCTCTCTTCTTAAGCAAGCAAGCTGAGAGTAAGAAAGCCCAACAGAAGCATC
 CACCTGTGAAGCACCTCTATCCAGCACCAAGCACGAAATCAAGCGGAAGGGCTCGCTCAAGAGCGAGAA
 GACCATCCGGCAGCTGCTCGGGAGCTGTACGTGGACAAGGAGTATCTGGAGAAGCTTCTTCTGGATGAA
 GATCTCATCAAAGGCACCATCAAGAGTGGCCTGACTGTGGAGGAACTCATCATGACTGGAATCAACTACC
 TGGACACCCGCAGCAATTTCTGGAGGCAGCAGAAACCCATCTACGCCAGGAGAGAGACCGGAAGCTGAT
 GCAAGAGAAATGGCTGCGGGACCGGAAACGCAGCCCTCGCAGACAGCCACTATATCCTCAAGAGCCTA
 GAGGACATTGACATGTTGTTGACCAGTGGCAGTGTGAAGGGAGCCTACAAAAGCTGAGAAAGTACTTA
 AGAAGGTCCTGGAATGGAACCAAGACGAGGTACCAACAAGGATGAAGTGGTCGGAACTTGTACAGCTG
 CATAGGCAACGCCAGATCGAGCTGGGGCAGATGGTGGCTGCCCTGCAGAGCCACAGAAAGGACCTGGAG
 ATCGCCAAGGAACATGACCTCCAGATGCAAAATCGAGAGCCCTTGACAATATTGGCAGAGTTTTTGCCA
 GAGTTGGGAAATTCCAGCAAGCCATTGACACGTGGGAGGAGAAGATCCCTTAGCCAAAACACCCTGGA
 GAAGACCTGGCTCTTCCATGAGATTGGCCGCTGCTACTTGGAGCTGGACAGGCGTGGCAGGCCAGAGT
 TACGGTGAAAAGTCTCAGCAGTATGCTGAGGAGGAAGGGACCTCGAGTGGCAGCTGAACGCCAGTGTTT
 TGGTGGCACAGGCCCAAGTGAAGCTGAGGGACTTCGAGTCAGCTGTGAATAACTTTGAGAAGGCCCTGGA
 GAGAGCCAAGCTGGTCCACAACAATGAGGCACAGCAGGCTATCATCAGTGCCTTAGACGACGCCAACAAG
 GGCATCATTGAAGAACTTAAGAAAACGAACTACAGGGAGATACTCAGGGAAAAGGCAGAGAGACAGGACA
 TCAGTTACAGATGGAGTTTTCGGGAGCATCGGAGAAGGAAACGAGACGAGGTGAGAGAAGCAGGAGAG
 GGTGGTGAAGCAGTGGGAGAGGAACTGGAGAGTGAGAGAGAGGCCACGGAAGATGAAGAGGGGTGGAAG
 CAGAGGCTGCTGAGGGTGGAGGACGAAGACGGAAGCAGCTCAGGACTCACGAGCAGCAAAATGATGTTGG
 GAGACACCCCTTCGACAAGCCAAATGATGAGAAGAGAGTCCAGGGAAATCTACCGAAGGATCTCAGAGGA
 CTCCACCAACCAACCCTAGATGATATCAGCCAAAACAGGAGAAGCCATCAGAAACAGCCATGGAGGAG
 AGGCTGGAGAAAAACAGAAGAGGACGAATCGAAATCGGAAACTATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107049

Insert Size: 1938 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_001107049.1, NP_001100519.1

RefSeq Size: 2215 bp

RefSeq ORF: 1938 bp

Locus ID: 303534

Cytogenetics: 10q31