

Product datasheet for **MC219841**

Ttc25 (NM_028918) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc25 (NM_028918) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc25
Synonyms:	4933404O19Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219841 representing NM_028918
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACGGTGATATCTTAAGAAGCACTTTTCCTCTTACATGGCAGAGGGGAGAGGCTTTATCTGT
 GCGGGGAGTTCACTAAGGCCATTCAAAGCTTTACCAACGCTCTTACCTTCAAAGTGGAGATAAGAAGCTG
 CCTGGTTGCCCGCTCCAATGCTACCTGAAGATGGGAGACTTAGAGAAAGTCTTGAACGATGCTGAGGCC
 TCACTTCGGAACGACCCGACTTTCTGCAAGGGGATCTTACAGAAGGCTGAGACACTGTACACCATGGGAG
 ACTTTGAGTTTGCCTGGTGTTCATCATCGAGGCTACAAACTGAGACCTGATCGGGAATCAAAGTAGG
 AATTCAGAAGGCCAGGAAGCCATCAACAACCTCGGTGGGAAGTCTTCTTCAATCAAGCTGGAGAACAAA
 GCGACCTCTCCTTCTTAAGCAAGCAAGCTGAGAGTAAGAAAGCCCAACAGAAGCATCTGCCTATAAAGC
 AACTCTCGTACAGCACCAGCATGAAATCAAGCGGAAGGGCTCGCTCAAGAGCGAGAAGACCGTGGCGCA
 GCTGCTCGGGGAGCTGTACGTGGACAAGGAGTATCTGGAGAAGCTCCTTCTGGATGAAGATCTCATCAA
 GGACCATCAAGAGTGGCCTGACCGTGGAGGACCTCATTATGACTGGCATCAACTACCTGGACACCCGCA
 GCAACTTCTGGAGGCAGCAGAAGCCATCTATGCCAGGGAGCGAGACCGGAAGCTGATGCAAGAGAAGTG
 GCTGAGGGACCGAAACGAGCCCTCGCAGACAGCCACTACATCCTCAAGAGCCTAGAGGACATTGAC
 ATGTTGTTGACCAAGTGGCAGTGTGATGGGAGCCTCCAAAAGCTGAGAAAGTCTTAAGAAGGTTCTGG
 AATGGAACCAAGAGGAGTACCCAACAAGGACGAGCTGGTCGGGAACCTGTACAGCTGCATAGGCAACGC
 CCAGATTGAGCTGGGGCAGATGGTGGCTGCCTTGACAGCCACCGAAAGGACCTGGAGATCGCCAAGGAA
 CATGACCTCCAGATGCAAAAATCGAGAGCCCTTGACAATATTGGCAGAGTTTTTGGCAGAGTTGGGAAAT
 TCCAGAAGCCATTGACACGTGGGAGGAGAAGATCCCTTAGCCAAAACCACCCTGGAGAAGACCTGGCT
 CTTCCACGAGATTGGCCGCTGTTACTTGGAGCTGGACCAGGCGTGGCAGGCCAGAGTTATGGGGAAAAG
 TCTCAGCAGTACGCTGAGGAGGAAGGGACCTCGAGTGGCAGCTGAACGCCAGTGTCTGGTGGCGCAGG
 CCCAAGTGAAGCTGAGAGACTTCGAGTCAGCTGTGAATAACTTTGAGAAGGCCCTGGAGAGAGCCAAGCT
 GGTCCACAACAACGAGGCGCAGCAGGCCATCATCAGCGCCTTGGACGATGCCAACAAGGGCATCATCGAA
 GAACCTTAAGAAAACGAACTACAGGGAGATACTCAGGGAAAAGGCAGAGAGACAGGACATCATGTCACAGA
 TGGATTTGAGGGAGCATCTGAGAAGGAGCCGCTGCGAGGGCGAGAGGAGCAGGAGAGGGTGGTGAAGCA
 GTGGGAGAGGGACCAGGAAAGTGAAGAGAAGCCACGGATGACGAGCAAGACAGGAAAAGCTCGGGAGGA
 CTCAGCAAAAAGTGTGGGAGACGGTCACTCGTCAAACCTAGGGATTAGGAGAGAGTCCAGAGAAATCT
 ACAGAAGGCTCTCGGACTACTCCAGCCACTACCTCAGAGGACGGCAGCCAAAACAAGAGAAGAAAACA
 AGCAGAAGCAGCCAAAGGGGAGGTCCAAAAGTTGGAGAAGACAAAAGAGGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_028918

Insert Size: 1875 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_028918.2](#), [NP_083194.2](#)

RefSeq Size: 2818 bp

RefSeq ORF: 1875 bp

Locus ID: 74407

UniProt ID: [Q9D4B2](#)

Cytogenetics: 11 D

Gene Summary: Required for the docking of the outer dynein arm to cilia, hence plays an essential role in cilia motility.[UniProtKB/Swiss-Prot Function]