

Product datasheet for **MR209657**

Tacc3 (BC003252) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tacc3 (BC003252) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tacc3
Synonyms:	Aint; C86661; Eric1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR209657 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTCTGCATGTCTTAAATGACGAAAACGTGCCAATGAAAAGAGTTCACAGTGCCGTGATTTCCAGT
 TTTTGCCACCAGAACTTACCGGCAGATCATCTGTTCTTTGTCTGTACAGAAAAGAAAATGTACCACCCCA
 GAGCCAGGCTAAGGCCACAAATGTGACGTTCCAGACACCACCTCGGGATCCACAGACACACAGGATCTTA
 AGTCTAACATGACCAATAAGCGTGAGGCTCCTTTTGGATTACAAAATGACCACTGTGTCTTCTTACAGA
 AAGAAAACCAGCGCCTTTAGCCCCAGTGGATGATGCACCTGTGGTTCAAATGGCAGCTGAGATCTTAAG
 AGCAGAAGGCGAGTTACAGGAGGGAATCTTGACTTCTCAAGCCTTTAGCTTCCACAAGTCTTCTGGAC
 AGTGAGCTGGTGACCCCTCCTATCGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACCTGTCTTGG
 AAAGTGAAGTGGTGACCCCTCCTGTTGAGCCAGTGTGGAGCCTTCCATCAGGAACTAGAACCTGTCTT
 GGAAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACCTGTC
 TTGGACAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACCTG
 TCTTAGAAAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACC
 TGTCTTGGACAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAA
 CCTGTCTTGGACAGTGAAGTGGTGACCCCTCCTATCGAGCCTTTGCTGGAGCCTTCCATCAGGGACTAG
 AACCTGTCTGAGTGAAGTGAAGGAGAGGCTTCCAGAGCCATCAGAAGTCTAGGTAAGTGGTGTGAAGT
 GGATTAATCTGGAGCAGTTTGAAGTCTCTCGTCCCATCTCTCAACTCTCAGTTTAAAGAGTCGGCTGG
 AGGAAGCAGTCTTTGTACGTGAAATTTGACCCTTCTGAAAGACAGCCCTTTGCGGCCAATGCCGGTGG
 CCCAATAACAAATAGTACACAGGATACAGAGGAGGAGTCTGGTTCTGAAAAGCCGACAGAAGCTGAGCT
 TGCAACTTAGATTTCTTGGGAGATTTGGATGTTCCGGTATCTGCCCCACCCCTGTGTCTTGGACCT
 CGAGGTCTCCTTCTGCTGAGCCTATTGTGGATGTGCTGAAGTACAGCCAGAAAGACCTGGATGCAGTGG
 TGAATGTGATGCAGCAGGAGAACTTGGAGCTGAAAAGCAAGTATGAGGACCTCAACACAAAATATTTGGA
 GATGGGAAAGTCCGTTGATGAGTTTGAAGATCGCGTACAAATCATTGGAGGAGGCTGAGAAACAGAGG
 GAACTAAAGGAAATAGCTGAAGACAAAATCCAAAAGGTTTTAAAAGAGAGAGACCAACTAATGCAGACC
 TGAAGTCCATGAAAAGTCTTTTCTGACCTTTCAAACGGTTTGAAGCGGAAGGAAGTATTGAAGG
 CTACCAGAAGAATGAAGAGTCACTGAAGAAGTATGTTGGGAATGCATAGTGAATTTGAAAAGAAGGC
 CAGAGGTACCAGGCGCTGAAGATCCATGCAGAAGAAAAGCTCAGGCTGGCAAATGAGGAGATCGCCAGG
 TACACAGCAAGGCCAAGCAGAGGTAAGGCTTTGAGGCAAGCCTGAGGAAGGCACAAATGCAGAACCA
 CTCGCTGGAGATGACTCTGGAGCAGAAGACAAAAGAAATTGATGAGCTGACCCGGATCTGTGATGACCT
 ATCTCTAAGATGGAGAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209657 protein sequence
 Red=Cloning site Green=Tags(s)

MSLHVLNDENVPNEKSSQCRDFQFLPPELTGRSSVLCLSQKENVPPQSQAkatNVTFQTPPRDPQTHRIL
 SPNMTNKREAPFGLQNDHCVFLQKENQRPLAPVDDAPVVQMAAEILRAEGELQEGILTSSSLSASTSLLD
 SELVTPPIEPVLEPSHQGLEPVLESELVTPPEVPVLEPSHQLEPVLESELVTPPIEPVLEPSHQGLEPV
 LDSELVTPPIEPVLEPSHQGLEPVLESELVTPPIEPVLEPSHQLEPVLDSELVTPPIEPVLEPSHQGLE
 PVLDSSELVTPPIEPLLEPSHQGLEPVVLDKEESFRDPSEVLGTGAEDVYLEQFGTSSSHLSNSQFKESAW
 RKQSLYVKFDPLLKDSPLRPMPVAPITNSTQDTEEESSGSGKPTAEELVNLDFLGDLDVPSAPPLCVLEP
 RGLLPAEPIVDVLKYSQKDLDAVNVMMQENLELKSKEYEDLNTKYLEMGSVDFEIKIAYKSLEEAEKQR
 ELKEIAEDKIQKVLKERDQLNADLNSMEKSFSDLFKRFEKRKEVIEGYQKNEESLKKYVGEICVKEKEG
 QRYQALKIHAEEKLRLANEEIAQVHKAQAEVLALQASLRKAQMNHSLMTLEQKTKKEIDELTRICDDL
 ISKMEKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC003252

ORF Size: 1911 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:**
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: [BC003252](#), [AAH03252](#)

RefSeq Size: 2195 bp

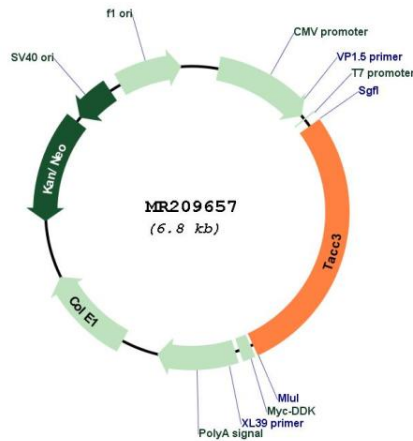
RefSeq ORF: 1913 bp

Locus ID: 21335

Cytogenetics: 5 B2

MW: 71.2 kDa

Product images:



Circular map for MR209657