

## Product datasheet for **MG209657**

### Tacc3 (BC003252) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tacc3 (BC003252) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tacc3
Synonyms:	Aint; C86661; Eric1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG209657 representing BC003252  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGTCTGCATGTCTTAAATGACGAAAACGTGCCAATGAAAAGAGTTCACAGTCCCGTGATTTCCAGT  
 TTTTGCCACCAGAACTTACCGGCAGATCATCTGTTCTTTGTCTGTACAGAAAAGAAAATGTACCACCCCA  
 GAGCCAGGCTAAGGCCACAAATGTGACGTTCCAGACACCACCTCGGGATCCACAGACACACAGGATCTTA  
 AGTCTAACATGACCAATAAGCGTGAGGCTCCTTTGGATTACAAAATGACCACTGTGTCTTCTTACAGA  
 AAGAAAACCAGCGGCTTTAGCCCCAGTGGATGATGCACCTGTGGTTCAAATGGCAGCTGAGATCTTAAG  
 AGCAGAAGGCGAGTTACAGGAGGGAATCTTGACTTCTCAAGCCTTTCAGCTTCCACAAGTCTTCTGGAC  
 AGTGAGCTGGTGACCCCTCCTATCGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACCTGTCTTGG  
 AAAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGAACTAGAACCTGTCTT  
 GAAAAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACCTGTC  
 TTGGACAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACCTG  
 TCTTAGAAAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAACC  
 TGTCTTGGACAGTGAAGTGGTGACCCCTCCTATTGAGCCAGTGTGGAGCCTTCCATCAGGGACTAGAA  
 CCTGTCTTGGACAGTGAAGTGGTGACCCCTCCTATCGAGCCTTTGCTGGAGCCTTCCATCAGGGACTAG  
 AACCTGTCTGGATCTAAAGGAAGAGAGCTTACAGAGCCATCAGAAGTCTAGGTAAGTGGTGTGAAGT  
 GGATTAATCTGGAGCAGTTTGAAGTCTCTCGTCCCCTCTCTCAACTCTCAGTTTAAAGAGTCGGCTGG  
 AGGAAGCAGTCTTTGACGTGAAATTTGACCCTTCTGAAAGACAGCCCTTTCGGGCAATGCCGTGG  
 CCCCATAACAAATAGTACACAGGATACAGAGGAGGAGTCTGGTCTGGAAGCCGACAGAAGCTGAGT  
 TGTCAACTTAGATTTCTGGGAGATTTGGATGTTCCGGTATCTGCCCCACCCCTGTGTCTTGAAGCCT  
 CGAGGTCTCCTTCTGCTGAGCCTATTGTGGATGTGCTGAAGTACAGCCAGAAAGACCTGGATGCAGTGG  
 TGAATGTGATGCAGCAGGAGAACTTGGAGCTGAAAAGCAAGTATGAGGACCTCAACACAAAATATTTGGA  
 GATGGGGAAGTCCGTTGATGAGTTTGAAGATCGCGTACAAATCATTGGAGGAGGCTGAGAAAACAGAGG  
 GAACTAAAGGAAATAGCTGAAGACAAAATCCAAAAGGTTTTAAAAGAGAGAGACCAACTAATGCAGACC  
 TGAAGTCCATGAAAAGTCTTTTCTGACCTTTCAAACGGTTTGAAGCGGAAGGAAGTATTGAAGG  
 CTACCAGAAGAATGAAGAGTCACTGAAGAAGTATGTTGGGAATGCATAGTGAATGAAAATGAAAAGAAGGC  
 CAGAGGTACCAGGCGCTGAAGATCCATGCAGAAGAAAAGCTCAGGCTGGCAAATGAGGAGATCGCCAGG  
 TACACAGCAAGGCCAAGCAGAGGTAAGTGGCTTTGCAGGCAAGCCTGAGGAAGGCCACAAATGCAGAACCA  
 CTCGCTGGAGATGACTCTGGAGCAGAAGACAAAAGAAATTGATGAGCTGACCCGGATCTGTGATGACCT  
 ATCTCTAAGATGGAGAAGATC

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG209657 representing BC003252  
 Red=Cloning site Green=Tags(s)

MSLHVLNDENVNPKSSQCRDFQFLPPELTGRSSVLCLSQKENVPPQSQAATNVTFQTPPRDPQTHRIL  
 SPNMTNKREAPFGLQNDHCVFLQKENQRPLAPVDDAPVVQMAEILRAEGELQEGILTSSSLSASTSLLD  
 SELVTPPIEPVLEPSHQGLEPVLESELVTPPVEPVLEPSHQLEPVLESELVTPPIEPVLEPSHQGLEPV  
 LDSELVTPPIEPVLEPSHQGLEPVLESELVTPPIEPVLEPSHQLEPVLDSELVTPPIEPVLEPSHQGLE  
 PVLDSELVTPPIEPVLEPSHQGLEPVLDLKEESFRDPSEVLGTGAEDVYLEQFGTSSSHLSNSQFKESAW  
 RKQSLYVKFDPLLDKDSPLRMPVAPITNSTQDTEESGSGKPTAEELVNLDFLGDLDVPSAPPLCVLEP  
 RGLLPAEPIVDVLKYSQKDLDAVVNMQQENLELKSKEYEDLNKYLEMGKSVDEFEKIAYKSLEEAEKQR  
 ELKEIAEDKIQKVLKERDQLNADLNSMEKSFSDLFKRFEKRKEVIEGYQKNEESLKKYVGEICVIEKEG  
 QRYQALKIHAEEKLRLANEEIAQVHSAQAEVLALQASLRKAQMNHSLMTELEQKTKIEIDELTRICDDL  
 ISKMEKI

**TRTRPLE** – GFP Tag – V



<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC003252</a> , <a href="#">AAH03252</a>
<b>RefSeq Size:</b>	2195 bp
<b>RefSeq ORF:</b>	1913 bp
<b>Locus ID:</b>	21335
<b>Cytogenetics:</b>	5 B2