

## Product datasheet for **MC202670**

### **Tgfb1i1 (NM\_009365) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tgfb1i1 (NM_009365) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tgfb1i1
Synonyms:	ARA55; hic-5; Hic5; TSC-5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC056362 sequence for NM\_009365  
 CCGGCTTCCATACATGGTCACGGCCCTGCTTCTAACTCCCTGACGTCCCCCCCCTCCCCGTCTCCGCC  
 CCACCGGACACGGCCCCCGCCCTACTCTCCCAAGCTGTCCGCCAGCGCACCGCCATGGAGGACCTGGGT  
 GAGTGAGGAGATCCCCCTAGCCTCTCATCTTCCCCGCATCTATCCCCTTCCCAACTCACACTTCTTCCC  
 CATCTCAGCTTTCTCTCCATTTTCTCGCCTCAGCCTGCCTGTGCCTCCCTCCCAAATCCACATACCCT  
 TTCTGCCTCTCCCTTCTGCCTGCCTTGGACAAGCTGTTGAGGCACCCACGGGGCCTGGATTCCAGAGACTCG  
 TCACTCAATCCTGCTTGTGCAATGGACAAGTGTGAGGCACCCACGGGGCCTGGATTCCAGAGACTCG  
 GGTAGGAAGGGTTAAGAGATCACTGAGTCCCGGACTGGGAAAATAGACTAGAGAGGAGAGTGTGACCT  
 GGAGTTTCGGAGATGAAAAGGACCTATATCAGGGTTTCAAGAAGAGTTGAGTGCTCCAGGTAGAGCAGA  
 GGTCAAGAAAGTCTCAGGGCAAGAAAGAGAATAATAGAGAATGCCAGGGTTATAGAAAGAAGTCTAAGG  
 CTTCTACCGTAGAGGCTCGGAGAAGAGTAAAGGGACGGGGCTAGATAAAGCGCCCCAGGCATCTCGTCC  
 CCTCTATTCGCCTAGGCTGAGACTAGAAGACTCTGCTTCTCGTGGCAGAATTTCTAGATCCAGCAGCAGA  
 GGGCGCTCGTCAATAATAGTACATGGATAAGACGTACACCAAAAAGCCGCTCCCTGCCAGGGCCACTTAA  
 AGGACAGGGCTAGACTTCAGTGTGGCAAGTGGACCAAGCTGGGAGAAGTAGTAAGTATGTCACAGCAA  
 ACATCTAATCAGGAAGTTGGGTGTCAAACATACAGCCGATTGAACAATTTGGGTACAGTAAGAGACAATC  
 TGGGCTGCACCAGAAAAGATGGAGAGAATAAAAGATCATTAGTTGGTTTGTACTTGGCTCCCAGGGTAAG  
 TCAAGGGAGAGGTCTGATCATAAATACCCCGCCACCCCATCCCTCCCCCTCCGCCCCCTCCATCCCCACTC  
 CCCCCGCGCTACTATTCTACTTTTTTGCCTTGGTCTGACCCTGTGAGTATGGTTTTGGCCGCTGCCTTTA  
 ACACCGGCTTTCTACCTTTTAAACACGGACACTTGAAATCCTTTATACTCTAACCTTTAAGACCTTGA  
 CATCCCCCTCCTTCCCAAACCTCTCACCCCTGAGGGCTCTCACACAGATGCCCTGCTCTGACCTGGAGA  
 CCACCACTTACACATGTACGGTTAGGGGCTCCAAAAGAGCGCCACCAGAGACTCACACCTCCCC  
 ACCCTATGGCCACCAGCCACAGACAGGGTCTGGAGAATCTCAGGAACCACTGGGACAAGGATCATCTA  
 TACAGCACAGTATGCAAGCCTCGTCCCCAAAGCCTGTGGCCCCGTGGCTCCTCATTCTCTCTTCCA  
 GTGGTGTGTTGGCAATGGCCTCTGTGAGCTAGACCGTTTGCTTCAAGAACTTAATGCCACCCAGTTCAA  
 CATTACAGATGAAATCATGTCTCAGTTCATCTAGTAAAATGGCTGAAGGGGAAGAGAAGGAGGACCAA  
 TCTGAAGACAAGAGCTCACCCACTGTCCCTCCCAGCCATTCCCTGCCCCCTCAAAGCCTTCAGCCACCT  
 CCGCCACTCAGGAACTGGATAGACTGATGGCCTCGCTCTGACTTCCGTGTTGAGAACCATCTTCCAGC  
 CTCAGGGCCACCTCAGCCTCCAGCAGCGAGCCCCACCCGTGAAGGATGCCCATCTCCACCAGGACAGACT  
 AGCAAAGGCAGTCTGGACACCATGCTGGCCTGCTGCAGTCTGACCTCAGCCGTCGTGGTGTCCCCACAC  
 AGGCCAAAAGCCTCTGTGGCTCCTGCAATAAACCTATAGCTGGGCAAGTGGTTACAGCCCTGGGCAGAGC  
 CTGGCACCCGGAGCACTTCTTTGCAGCGTGTGTTCCACAACCTGGGAGGCAGCAGCTTCTCGAGAAG  
 GATGGGGCTCCCTTTGCCCCGAGTGCTACTTTGAGCGCTTCTCCCACGATGTGGCTTCTGTAACCAAC  
 CCATCCGACACAAAATGGTTACCGCCTTGGGCACCCACTGGCACCCAGAACATTTCTGCTGCGTCAGCTG  
 CGGAGAGCCTTTTGGAGAAGAGGGTTTCCACGAGCGGGAGGGTCGTCCGTAAGTCCCGCGGGGACTTCTG  
 CAGCTGTTTCGCCCCACGCTGCCAGGGCTGCCAAGGCCCTATTTTGGATAACTACATCTCGGCACTCAGCG  
 CGCTCTGGCACCCAGACTGCTTCGTGTGCAGGGAATGCCTTGGCCCTTCTCCGGAGGCAGCTTTTTTGA  
 GCACGAGGGTTCGCCCTTTGTGTGAAAACATTTCCATGCTCAGCGTGGTTCGCTGTGTGCCACGTGTGGT  
 CTCCCAGTGACCGGCCGCTGTGTGTCGCTCTGGGCCGACGCTTCCATCCAGACCACTTCCACTGCACAT  
 TCTGCCTGGCCCACTCACAAAGGCTCCTTCCAGGAGCGGCCAGCAAGCCTTACTGCCAGCCTTGCTT  
 CCTGAAGCTCTTCGGCTGACCTCCTTGGGATCAGAGATCTCCAAAATAAGCCTTCAAAAACACATTC  
 GTGAAAAAGACTGAGTCTCCAGATCCCTGGCTCTGGAGTACCCAGGCATCCTTGCTCCTTCTCCCACC  
 CCCATCCCCATTGTGGCCAGCCACTGGAGAGGCCTACCCCTAAGATGCTCTAGGTTTGTCAATTCAGA  
 AAGGGCCCCATTAGCCTGGAATGTAGCTCTCACTTTGACATGATTCTGGTTCTTGTCTGACCAAGTAG  
 AGGCCAGGATGTCCTGTTACCCATGGCACACTATTCTGTACACATTTTTTTTTCTACAAAACATAAAAA  
 CACACTCCACACTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** NM\_009365  
**Insert Size:** 1335 bp

<b>OTI Disclaimer:</b>	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).
<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="#">BC056362</a> , <a href="#">AAH56362</a>
<b>RefSeq Size:</b>	3058 bp
<b>RefSeq ORF:</b>	1335 bp
<b>Locus ID:</b>	21804
<b>Cytogenetics:</b>	7 F3
<b>Gene Summary:</b>	Functions as a molecular adapter coordinating multiple protein-protein interactions at the focal adhesion complex and in the nucleus. Links various intracellular signaling modules to plasma membrane receptors and regulates the Wnt and TGFB signaling pathways. May also regulate SLC6A3 and SLC6A4 targeting to the plasma membrane hence regulating their activity. In the nucleus, functions as a nuclear receptor coactivator regulating glucocorticoid, androgen, mineralocorticoid and progesterone receptor transcriptional activity. May play a role in the processes of cell growth, proliferation, migration, differentiation and senescence. May have a zinc-dependent DNA-binding activity.[UniProtKB/Swiss-Prot Function]