

Product datasheet for **RN216719**

Tgfb1i1 (NM_001191840) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tgfb1i1 (NM_001191840) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tgfb1i1
Synonyms:	Ara55; Hic-5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216719 representing NM_001191840
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGACCTGGATGCCCTACTCTGACCTGGAGACCACCACTTCACACATGTCACGGTTAGGGGCTC
 CAAAAGAGCGCCACCAGAGACTCACACCTCCCCACCTATGGCCACCAGCCACAGACAGGGTCTGG
 AGAATCTTCAGGAGCCTCTGGGACAAGGATCATCTATACAGCACAGTATGCAAGCCTCGGTCCCAAAG
 TCTGTAGCCCTGTGGCTCCTCCGTTCTCTCTCCAGTGGTGTGTTGGCAATGGACTCTGTGAGCTAG
 ACCGTCTACTTCAGGAACCTAATGCCACCCAGTTCAACATTACAGATGAAATCATGTCTCAGTTCATC
 TAGTAAGATGGCTGAAGGGGAAGAAAGGAGGACCAATCTGAAGACAAGAGCATAAACCCTGTCCCTTC
 AGCACATCCCTGCCCTCAAAGCCTCAGCCACCTCAGCCACTCAGGAGCTAGATAGACTGATGGCAT
 CGCTCTGACTTTCGTGTCCAGAACCATCTCCGGCCTCAGGGCCACCTCAGCCTCCAGCAGTGGCC
 CACCCGTGAGGGATGCCATCTCCACCAGGACAGACCAACAAGGGCAGTCTGGACACCATGCTGGCCTG
 CTGCACTGACCTCAGCCGCGGTGTTCCCACTCAGGCCAAGGGCCTCTGTGGCTCCTGCAATAAAC
 CTATTGCTGGGAAGTGGTTACCGCCCTGGGTAGAGCCTGGCATCCGGAGCACTTCTTTGCAGAGGTTG
 TTCCACAACCCTGGGAGGCAGCAGTTTCTTCGAGAAGGATGGGGCTCCCTTTGCCTGAGTGCTACTTT
 GAGCGTCTCCCCACGATGTGGCTTCTGCAACCAACCATCCGACATAAAATGGTCACCGCCTTGGGCA
 CCCACTGGCACCCAGAACATTTCTGCTGTGTGAGCTGCGGGGAGCCTTTTGGAGAAGAGGGTTTCCACGA
 GCGGGAGGGCCGCCCTACTGCCGGCGGACTTCTGCAGCTGTTGCCCCGCGCTGCCAGGGCTGCCAA
 GGACCCATTTGGATAACTACATCTCGGCACTCAGCGCGCTCTGGCACCCAGACTGCTTCGTGTGCAGGG
 AATGCCCTCGCCCTTCTCCGGAGGCAGTCTTTGAGCACGAGGGTCCGCCACTGTGTGAAAACCATTT
 CCACGCTCAGCGTGGTTGTTGTGTGCCACGTGTGGCCTCCCTGTGACTGGCCGCTGTGTATCTGCTCTG
 GGCCGCCCTTCCACCCAGATCACTTTACCTGCACCTTCTGCCTACGCCACTCACCAAAGGCTCCTTCC
 AGGAGCGTGCCAGCAAGCCTTACTGCCAGCCTTCTTCTGAAGCTCTTTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191840
- Insert Size:** 1386 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191840.1](#), [NP_001178769.1](#)

RefSeq Size: 1972 bp

RefSeq ORF: 1386 bp

Locus ID: 84574

UniProt ID: [Q99PD6](#)

Cytogenetics: 1q37

Gene Summary: focal adhesion protein/steroid receptor co-activator; binds to hsp27 and inhibits the ability of hsp27 to provide protection against heat shock [RGD, Feb 2006]