

Product datasheet for **MC222042**

Tgfbr3 (NM_011578) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tgfbr3 (NM_011578) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tgfbr3
Synonyms:	1110036H20Rik; AU015626; AW215636; TBR111
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC22042 representing NM_011578
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGTGACATCCCACCACATGGTCCCTGTGTTTGTCTGATGAGCGCCTGCCTGGCCACCCGAGGTC
 CAGAGCCACGACCCGGTGTGAAGTGTACCGATCAGTGCCTCTCATCCAGTCCAGGCCCTGATGGAGAG
 CTTACCGTTCTGTCTGGCTGTGCCAGCAGAGGCCACTGGGCTGCCAAGGGAGGTTCCATCCTAAAC
 CTCGCGAGTACAGACCAAGGACTAGGCCAGCCGACAGAGAGGTTACCCTGCATCTGAACCCATTGCCCT
 CCGTGCACACTCACACAAGCCTGTTGTCTCTGCTCAACTCCCACAGCCCCTGGTGTGGCATGTGAA
 GACAGAGAGACTGGTGTGGTGTCCCAGACTTTCCTGGTTTCGGAGGGTTCTGTGGTCCAGTTTTCA
 TCAGGAACTTCTCTTGACAGCAGAAACAGAGAAAGGAGTTTCCCTCAAGAAAATGAGCATCTGCTAC
 ACTGGGCCAAAAGGAATATGGAGCAGTACTTACCCGAACTTAAGATAGCAAGAAAATATCTATAT
 TAAAGTGGGAGAAGATCAAGTGTCCCTCCCACGTGAACATAGGGAAAAATTTCTCTCGCTCAATTAC
 CTTGCGGAGTACCTTCAACCCAAAGCCGCCGAAGGTTGTGTCCTGGCCAGTCAGCCCACGAGAAGGAAG
 TGCATATCATTGAGTAACTCTCCCCAACTCCAATCCTTACAGCACCTTCCAGGTGGATATAATAATTGA
 CATACGACTGTCTGAGAGGATCCTGAGGTGGTCAAAAACCTCGTCTGATCTTGAAGTGCAAAAAATCT
 GTCAACTGGGTGATCAAGTCTTTGACGTCAAGGGAAACTTGAAGTTATTGCTCCTGACAGTATTGGCT
 TTGGAAAAGAGAGTGAACGATCCATGACAGTGACCAAAATGGTAAAGAAATGACATCCCTTCCACCCAAGA
 GAATCTGATGAAGTGGCATTGGACAATGGCTACAGCCAGTGACGTCAACACCATAGCTCCTGTGGCC
 AATAGATTTTCTCGCTTGAGAACACGAGGAGATGAGAGATGAGGAAGTCCACACCATCCTCGTCCG
 AGCTTCGGATCCTGTGGGCCCTGACCACCTGCCCTGGCAGCCCATCCTTCCAAGGGGAAATCCC
 AAATGGAGGTTTTCCCTTCCCATTCCCAGATATCCCAGGAGGCTGGAAGGAGGAGAAGATAGGATC
 CCCCAGCCAAAGGAACCCATCATTCCCAGAGTTCAATTGCTTCCAGACCACAGAGAGCCAGAAGAAGTGC
 AAGGGGGCGTGAATATCGCCCTGTGAGTCAATGTGACAAATGAAAAGATGGTGGTAGCTGTAGACAAAGA
 TTCTTTCCAGACCAATGGCTACTCGGGATGGAGCTCACCTGTTGGATCCTTCTGCAAAGCCAAGATG
 AATGGTACCCACTTTGACTGGAGTCTCCGCTGAATGGCTGTGGTACTAGACATAGGAGGTGAGCCCGAG
 ATGGTGTGGTTTACTATAACTCTATTGTGGTGCAGGCTCCATCCCCTGGGATAGCAGTGGCTGGCCAGA
 CGGCTACGAAGATTTGGAGTCGGGTGATAATGGATTTCTGGAGACACAGATGAAGGAGAAACTGCCCC
 CTGAGCCGTGCTGGAGTGGTAGTGTAACTGCAGCTTGGCCAGCTGAGGAGTCCAGTGGCTTCCAGG
 ACCAGCTCGATGGAAATGCTACCTTCAACATGGAGCTGTATAACACAGACCTTTTCTGGTGCCCTCCC
 AGGGGTCTTCTGTGGCAGAGAATGAGCATGTATATGTTGAGGTGTCTGTCACTAAGGTGACCAAGAT
 CTGGGATTTGCCATCCAAACCTGCTTTATCTCTCCATACTCAAACCCAGACAGAATGTCTGATTACACCA
 TCATCGAGAACATCTGTCCGAAGGATGACTCTGTGAAGTTCTACAGCTCCAAGAGAGTGCATTTCCCAT
 CCCACATGCTGAAGTGGACAAGAAGCGGTTGAGCTTTGTGTTCAAGTCCGTGTTCAACACCTCCCTGCTC
 TTCTGCACTGCGAGCTGACGCTGTGCTTAGGAAGAAGGGCTCCAGAAGCTGCCAAAGTGTGTGACTC
 CTGACGACGCCTGCACCTCTTAGATGCCACCATGATCTGGACCATGATGCAGAATAAGAAGACATTAC
 CAAGCCCCTGGCGTGGTCTCCAAGTAGATTATAAAGAAAATGTTCCAACATGAAGGAGTCCAGTCCG
 GTTCTCTCTCCACAGATTTTCCACGGCTGGACACGCTCACCGTGTGGCATTGCGTTTTGACAGCAT
 TTGTGATCGGAGCACTCCTGACGGGGCCTTGTGGTATATCTACTCCACACAGGGGAGACGGCACGAAG
 GCAGCAAGTCCCTACCTCGCCACCAGCCTCGGAGAACAGCAGCGCAGCCACAGCATAGGGAGCACTCAG
 AGCACTCCCTGCTCTAGCAGCAGCACGGCC**TAG**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011578
Insert Size: 2553 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	<ol style="list-style-type: none"> 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_011578.3 , NP_035708.2
RefSeq Size:	6074 bp
RefSeq ORF:	2553 bp
Locus ID:	21814
UniProt ID:	O88393
Cytogenetics:	5 E5
Gene Summary:	Binds to TGF-beta. Could be involved in capturing and retaining TGF-beta for presentation to the signaling receptors (By similarity).[UniProtKB/Swiss-Prot Function]