

Product datasheet for **SC219094**

TGFBR2 (NM_001024847) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TGFBR2 (NM_001024847) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TGFBR2
Synonyms:	AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; TAAD2; TBR-ij; TBRll; TGFbeta-Rll; TGFR-2
ACCN:	NM_001024847
Insert Size:	2000 bp



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Insert Sequence:

>SC219094 3'UTR clone of NM_001024847

The sequence shown below is from the reference sequence of NM_001024847. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGACGGCTCCCTAAACACTACCAAAATAGCTCTTCTGGGCGAGGCTGGGCCATGTCCAAGAGGCTGC
CCCTCTACCAAAGAACAGAGGCGAGGAAAGCTGCCCTGAACTGATGTTCTGGAAAACCAAGGGG
GTCACCTCCCTCCCTGTAAGCTGTGGGATAAGCAGAAACAACAGCAGCAGGGAGTGGGTGACATAGAG
CATTCTATGCCTTTGACATTGTCATAGGATAAGCTGTGTAGCACTTCTCAGGAAATGAGATTGATTT
TTACAATAGCCAATAACATTTGCACTTTATTAATGCCTGTATATAAATATGAATAGCTATGTTTTATAT
ATATATATATATCTATATATGTCTATAGCTCTATATATATAGCCATACCTTGAAGAGAGACAAGGAA
AAACATCAAAATATCCAGGAAATGGTTTTATTGGAGAACTCCAGAACCAAGCAGAGAAGGAAGGGAC
CCATGACAGCATTAGCATTGACAATCACACATGCAGTGGTCTCTGACTGTAAAACAGTGAACCTTGC
ATGAGGAAAGAGGCTCCATGTCTCACAGCCAGCTATGACCACATTGCACTTGCTTTTGCAAATAATCA
TTCCCTGCCTAGCACTTCTCTTGGCCATGGAACAAAGTACAGTGGCACTGTTTGAGGACCAGTGTTT
CCGGGGTCTGTGTGCCCTATTTCTCCTGGACTTTTCATTTAAGCTCCAAGCCCCAAATCTGGGGGG
CTAGTTTAGAAACTCTCCCTCAACCTAGTTTAGAAACTTACCCCATCTTAATACCTTGAATGTTTTG
AACCCCACTTTTTACCTCATGGGTTGCAGAAAAATCAGAACAGATGTCCCATCCATGCGATTGCCCC
ACCATCTACTAATGAAAAATTGTTCTTTTTTTCATCTTTCCCTGCACTTATGTTACTATTCTCTGCTC
CCAGCCTTCATCCTTTTCTAAAAAGGAGCAAATCTCACTCTAGGCTTTATCGTGTTACTTTTTTTCATT
ACACTTGACTTGATTTTTCTAGTTTTCTATACAAACACCAATGGGTTCCATCTTTCTGGGCTCCTGATTG
CTCAAGCACAGTTTGGCCTGATGAAGAGGATTTCAACTACACAATACTATCATTGTCAGGACTATGACC
TCAGGCACTCTAAACATATGTTTTGTTGGTGCAGCACAGCGTTTTCAAAAAGTGAAGCCACTTTATAAAT
ATTTGGAGATTTTGCAGGAAAATCTGGATCCCCAGGTAAGGATAGCAGATGGTTTTTCACTTATCTCCAG
TCCACGTTTCAAAAATGTGAAGGTGTGGAGACACTTACAAAGCTGCCTCACTTCTCACTGTAACATTA
GCTCTTTCCACTGCCTACCTGGACCCAGTCTAGGAATTAATCTGCACCTAACCAAGGTCCTTGTA
GAAATGTCCATTCAAGCAGTCATTCTCTGGGTATATAATATGATTTTACTACCTTATCTGGTGTTAAG
ATTTGAAGTTGGCCTTTTATTGGACTAAAGGGAACTCCTTTAAGGTCTCAGTTAGCCCAAGTTTCTT
TTGCTTATATGTTAATAGTTTTACCCTCTGCATTGGAGAGAGGAGTGCTTTACTCCAAGAAGCTTCTCT
CATGGTTACCGTTCTCTCCATCATGCCAGCCTTCTCAACCTTTGCAGAAATTAAGAGAGGATTGAA
TGTGGGACACAAAGGTCCATTTGCAGTTAGAAAATTTGTGTCCACAAGGACAAGAACAAGATGAGC
TTTAAACTCCATAGGAACTTGTTAATCAACAAAGAAGTGTAAATGCTGCAAGTAATCTCTTTTTTAA
AACTTTTTGAAGCTACTTATTTTTCAGCCAAATAGGAATATTAGAGAGGGACTGGTAGTGAGAATATCAG
CTCTGTTTGGATGGTGAAGGTCTCATTATTTATTGAGATTTTAAAGATACATGCAAGGTTTGGAAATA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_001024847.2](#)

Summary:

The protein encoded by this gene is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with TGF-beta receptor type-1, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of genes related to cell proliferation, cell cycle arrest, wound healing, immunosuppression, and tumorigenesis. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq, Aug 2017]

Locus ID:

7048

MW:

76.4