

Product datasheet for **SC212349**

TGF beta 3 (TGFB3) (NM_003239) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TGF beta 3 (TGFB3) (NM_003239) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TGFB3
Synonyms: ARVD; ARVD1; LDS5; RNHF; TGF-beta3
ACCN: NM_003239
Insert Size: 1120 bp
Insert Sequence: >SC212349 3'UTR clone of NM_003239
The sequence shown below is from the reference sequence of NM_003239. 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
ATGGTGGTGAAGTCTTGTAAATGTAGCTGAGACCCACGTGCGACAGAGAGAGGGGAGAGAGAACCACC
ACTGCCCTGACTGCCCGCTCCTCGGAAACACACAAGCAACAACCTCACTGAGAGGCCTGGAGCCACACA
ACCTTCGGCTCCGGGCAATGGCTGAGATGGAGGTTTCCTTTTGGAAACATTTCTTTCTTGCTGGCTCTG
AGAATCACGGTGGTAAAGAAAGTGTGGGTTTGGTTAGAGGAAGGCTGAACTCTTCAGAACACACAGACT
TTCTGTGACGCAGACAGAGGGGATGGGATAGAGGAAAGGATGGTAAGTTGAGATGTTGTGGCAAT
GGGATTTGGGCTACCCTAAAGGGAGAAGGAAGGGCAGAGAATGGCTGGGTGAGGCGCAGACTGGAAGAC
ACTTCAGATCTGAGGTTGGATTTGCTCATTGCTGTACCACATCTGCTCTAGGGAATCTGGATTATGTTA
TACAAGGCAAGCATTTTTTTTTTTTTTTTAAAGACAGGTTACGAAGACAAAGTCCCAGAATTGTATCTC
ATACTGTCTGGGATTAAGGGCAAATCTATTACTTTTGCAAACCTGCTCTACATCAATTAACATCGTGG
GTCACACAGGGAGAAAATCCAGGTCATGCAGTTCCTGGCCCATCAACTGTATTGGGCCCTTTGGATAT
GCTGAACGCAGAAGAAAGGGTGGAAATCAACCCTCCTGTCTGCCCTCTGGGTCCCTCCTCACCTC
TCCTCGATCATATTTCCCTTGGACACTTGGTTAGACGCCTTCCAGGTCAGGATGCACATTTCTGGAT
TGTGGTCCATGCAGCCTTGGGGCATTATGGGTTCTTCCCCACTTCCCCTCAAAGACCCTGTGTTTCAT
TTGGTGTCTCGGAAGCAGGTGCTACAACATGTGAGGCATTGGGGGAAGCTGCACATGTGCCACACAGT
GACTTGGCCCCAGACGCATAGACTGAGGTATAAAGACAAGTATGAATATTACTCTCAAAATCTTTGTAT
AAATAAATATTTTGGGCATCCTGGATGATTTTCATCTTCTGGAATATTGTTTCTAGAACAGTAAAGGC
CTTATTCTAAGGTGTA
ACGGCTAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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:	<u>NM_003239.5</u>
Summary:	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGF-beta family members. This protein is involved in embryogenesis and cell differentiation, and may play a role in wound healing. Mutations in this gene are a cause of aortic aneurysms and dissections, as well as familial arrhythmogenic right ventricular dysplasia 1. [provided by RefSeq, Aug 2016]
Locus ID:	7043
MW:	41.4