

## Product datasheet for SC203276

### GDF15 (NM\_004864) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	GDF15 (NM_004864) Human 3' UTR Clone
Symbol:	GDF15
Synonyms:	GDF-15; MIC-1; MIC1; NAG-1; PDF; PLAB; PTGFB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004864
Insert Size:	271 bp
Insert Sequence:	<p>&gt;SC203276 3'UTR clone of NM_004864</p> <p>The sequence shown below is from the reference sequence of NM_004864. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTGTTAGCCAAAGACTGCCACTGCATATGAGCAGTCCTGGTCCTTCCACTGTGCACCTGCGCGGAGGAC
GCGACCTCAGTTGTCCTGCCCTGTGGAATGGGCTCAAGGTTCTGAGACACCCGATTCTGCCCAAACA
GCTGTATTATATAAGTCTGTTATTTATTATTAATTTATTGGGGTGACCTTCTGGGGACTCGGGGGCT
GGTCTGATGGAAGTGTGTATTTATTTAAACTCTGGTGATAAAAATAAAGCTGTCTGAAGTGT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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:	<u>NM_004864.4</u>


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**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 each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress. [provided by RefSeq, Aug 2016]

**Locus ID:**

9518

**MW:**

9.9