

## Product datasheet for **SC206393**

### SMAD6 (NM\_005585) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SMAD6 (NM\_005585) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SMAD6  
**Synonyms:** AOVD2; HsT17432; MADH6; MADH7  
**ACCN:** NM\_005585  
**Insert Size:** 1344 bp  
**Insert Sequence:** >SC206393 3'UTR clone of NM\_005585  
 The sequence shown below is from the reference sequence of NM\_005585. 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
CTGGAGATCCTCCTCAACAACCCAGATAGTGGCGGCCCGCGGGAGGGCGGGTGGGAGGCCCGGGC
CACCGCCACCTGCCGGCCTCGAGAGGGGCCGATGCCAGAGACACAGCCCCACGGACAAAACCCCA
GATATCATCTACCTAGATTTAATAATAAAGTTTTATATATTATATGAAATATATATTATACTTGTAA
ATGGAGTCATTTTTACAATGTAATTATTTATGTATGGTGAATGTGTATATGGACAAAACAAGAAAG
ACGCACCTTTGGCTTATAATTCTTTCAATACAGATATATTTCTTTCTTCTCCTCCTTCTTCTTAC
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CATTGTATATCTTTTTCTTGGAGATTTATATTAACATATTAAGTGCTCTGAGAAGTCTGTGTATTAT
CTCTTGCTGCATAATAAATTATCCCAAACCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_005585.5</a></u>
<b>Summary:</b>	The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants have been found for this gene.[provided by RefSeq, Sep 2014]
<b>Locus ID:</b>	4091
<b>MW:</b>	52.6