

## Product datasheet for **SC201391**

### Mesothelin (MSLN) (NM\_013404) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Mesothelin (MSLN) (NM_013404) Human 3' UTR Clone
Symbol:	Mesothelin
Synonyms:	MPF; SMRP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013404
Insert Size:	180 bp
Insert Sequence:	>SC201391 3'UTR clone of NM_013404 The sequence shown below is from the reference sequence of NM_013404. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> GCACTGCTCCTAGCCTCCACCCTGGCC <b>TGA</b> GGGCCCCACTCCCTTGCTGGCCCCAGCCCTGCTGGGGAT CCCCGCTGGCCAGGAGCAGGCACGGGTGGTCCCCGTTCCACCCAAGAGAACTCGCGCTCAGTAAACG GGAACATGCCCCCTGCAGACACGTA ACGCGT <b>AAGCGCCGCGCATCTAGATT</b> CGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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><a href="#">NM_013404.4</a></u>



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**Summary:**

This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

**Locus ID:**

10232

**MW:**

6.5