

Product datasheet for **SC201390**

Mesothelin (MSLN) (NM_005823) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mesothelin (MSLN) (NM_005823) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MSLN
Synonyms:	MPF; SMRP
ACCN:	NM_005823
Insert Size:	159 bp
Insert Sequence:	>SC201390 3'UTR clone of NM_005823 The sequence shown below is from the reference sequence of NM_005823. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCACTGCTCCTAGCCTCCACCCTGGCC TGA GGGCCCCACTCCCTTGCTGGCCCCAGCCCTGCTGGGGAT CCCCGCCTGGCCAGGAGCAGGCACGGGTGGTCCCCGTTCCACCCAAGAGAACTCGCGCTCAGTAAACG GGAACATGCCCCCTGCAGACA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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_005823.6</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: 5.6