

## Product datasheet for **SC210114**

### RASSF1 (NM\_007182) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RASSF1 (NM\_007182) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** RASSF1  
**Synonyms:** 123F2; NORE2A; RASSF1A; RDA32; REH3P21  
**ACCN:** NM\_007182  
**Insert Size:** 823 bp  
**Insert Sequence:** >SC210114 3'UTR clone of NM\_007182  
The sequence shown below is from the reference sequence of NM\_007182. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGCCCTGCACGCCTGCCCCCTGGGTGACCTCTGTACCCCCAGGTGGAAGGCAGACAGCAGGCAGC
GCCAAGTGCCTGCCGTGTGAGTGTGACAGGGCCAGTGGGGCCTGTGGAATGAGTGTGCATGGAGGCCCT
CCTGTGCTGGGGGAATGAGCCCAGAGAACAGCAAGTAGCTTGCTCCCTGTGTCCACCTGTGGGTGTAG
CCAGGTATGGCTCTGCACCCCTCTGCCCTCATTACTGGGCCTTAGTGGGCCAGGGCTGCCCTGAGAAGC
TGCTCCAGGCCTGCAGCAGGAGTGGTGCAGACAGAAGTCTCCTCAATTTTGTCTCAGAAGTAAAAATC
TTGGAGACCCCTGCAAACAGAACAGGGTCATGTTTGCAGGGGTGACGGCCCTCATCTATGAGGAAAGGTT
TTGGATCTTGAATGTGGTCTCAGGATATCCTTATCAGAGCTAAGGGTGGGTGCTCAGAATAAGGCAGGC
ATTGAGGAAGAGTCTTGGTTTCTCTACAGTGCCAACTCCTCACACACCCTGAGGTCAGGGAGTGCTG
GCTCACAGTACAGCATGTGCCTTAATGCTTCATATGAGGAGGATGTCCCTGGGCCAGGGTCTGTGTGAA
TGTGGGCACTGGCCAGGTTACACCTTATTTGCTAATCAAAGCCAGGGTCTCTCCCTCAGGTGTTTTT
TATGAAGTGCCTGAATGTATGTAATGTGTGGTGGCCTCAGCTGAATGCCTCCTGTGGGAAAGGGGTTG
GGGTGACAGTCATCATCAGGGCCTGGGGCCTGAGAGAATTGGCTCAATAAAGATTCAAGATCC
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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<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_007182.5</a></u>
<b>Summary:</b>	This gene encodes a protein similar to the RAS effector proteins. Loss or altered expression of this gene has been associated with the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of this gene. The inactivation of this gene was found to be correlated with the hypermethylation of its CpG-island promoter region. The encoded protein was found to interact with DNA repair protein XPA. The protein was also shown to inhibit the accumulation of cyclin D1, and thus induce cell cycle arrest. Several alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, May 2011]
<b>Locus ID:</b>	11186
<b>MW:</b>	29.1