

## Product datasheet for SC211255

### DROSHA (NM\_001100412) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	DROSHA (NM_001100412) Human 3' UTR Clone
Symbol:	DROSHA
Synonyms:	ETOHI2; HSA242976; RANSE3L; RN3; RNASE3L; RNASEN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001100412
Insert Size:	968 bp
Insert Sequence:	>SC211255 3'UTR clone of NM_001100412 The sequence shown below is from the reference sequence of NM_001100412. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAGATGAGACTGAAGACATCAAGAAATAAAGGAGGGCATGCAAGTGTGGAGTATTTACTTGCTCAGTA
ACTGTGACTGTTGTCTATTGAGACCTAGCCTAGTTTTCTGCAGACAATGAATGAAGTGTGCTCATTGA
AATAAAATACAGAGTCAAATCGCTATTGTTGTTTTAATGATCTGTTTTAGCTGGATGGTCTTTATTAC
AAAGATTAGATTTTTCTTCTATTTAACGAAAACCTTGACTTTGGTGAATGTGCATTACTCCTTTTAT
TTTGCTCTTTAAATAATAAAATTTCAAGAAGCATATTCTATGTGGAATAGATCCTGTTTTCCATCTGTG
TCCCAGATTGTGACCCTAGACTTTCAATTGACAAGTAAAAAATTGACTTTACTAGACATTTTGACTGTG
CTCTAGTAACATCTATCCTTTTTCAAACTCTCTGGATTTTTAAGTAGATTGTTCTAGCTTTCCATCCGGTGG
CTGTTCATCAAGTTATCAGCTGCAAAATATTGAACCTTACCTCTCTAAGCAGTGAGTGTGTTGTAGAAG
GAATCCGTTTAAACAATTAATTGGCTAATGGGAGAAGGGGAAAGACTGATATTCAAGTCATACAGATTCT
TTGAATCATTAGAATAGGAGAGAAATCATGATTCTAAGCCAGGCCACACTTTAAACCAAGTGCTCTCAC
CCTGGGGTTAGTGAACCTTTAAGAAGTTAATGAACAGACTTCAAGGAAGTCAAAAACCTCCCAACT
ATATTCAAATTTCTGTGTGTTTGTGATTTGAGAGGGCATGGGGAGCAGGAAGGAGGGTTTATAG
CTTTTATCAGCCTCTAAGTGGCCCTGCAGTAAAAGGCTAACATGACATTCAAAGACATAACATTTT
AAAAAAGTTATTCCAACTAAACATCACTGGTTTCTTATTAATAAAGGCAAACTTCTTTGTA AAAACA
AA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<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>	<a href="#">NM_001100412.2</a>
<b>Summary:</b>	This gene encodes a ribonuclease (RNase) III double-stranded RNA-specific ribonuclease and subunit of the microprocessor protein complex, which catalyzes the initial processing step of microRNA (miRNA) synthesis. The encoded protein cleaves the stem loop structure from the primary microRNA (pri-miRNA) in the nucleus, yielding the precursor miRNA (pre-miRNA), which is then exported to the cytoplasm for further processing. In a human cell line lacking a functional copy of this gene, canonical miRNA synthesis is reduced. Somatic mutations in this gene have been observed in human patients with kidney cancer. [provided by RefSeq, Sep 2016]
<b>Locus ID:</b>	29102
<b>MW:</b>	36.5