

## Product datasheet for SC212014

### SEP15 (NM\_004261) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SEP15 (NM_004261) Human 3' UTR Clone
Symbol:	SEP15 (SEP15)
Synonyms:	SEP15
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004261
Insert Size:	1059 bp
Insert Sequence:	<p>&gt;SC212014 3'UTR clone of NM_004261</p> <p>The sequence shown below is from the reference sequence of NM_004261. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTCCTGAGTGAAAAGTTGGAACGCATATTAATCTTGCTTAAATTTTGTCTATCCTTTTGTACCTTAT
CAAATGAAATATTACAGCACCTAGAAAATAATTTAGTTTTGCTTGCTTCCATTGATCAGTCTTTACTT
GAGGCATTAAATATCTAATTAATCGTGAAATGGCAGTATAGTCCATGATATCTAAGGAGTTGGCAAGC
TTAACAAAACCCATTTTTATAAATGTCCATCCTCCTGCATTTGTTGATACCACTAACAAAATGCTTTG
TAACAGACTTGCGGTTAATTATGCAAAATGATAGTTTGTGATAATTGGTCCAGTTTACGAACAACAGAT
TTCTAAATTAGAGAGGTTAACAAGACAGATGATTACTATGCCTCATGTGCTGTGTGCTCTTTGAAAGGA
ATGACAGCAGACTACAAAGCAAATAAGATATACTGAGCCTCAACAGATTGCCTGCTCCTCAGAGTCTCT
CCTATTTTTGTATTACCCAGCTTTCTTTTAATACAAATGTTATTTATAGTTTACAATGAATGCACTGC
ATAAAACTTTGTAGCTTCATTATTGTAACATATTCAAGATCCTACAGTAAGAGTGAAACATTCACA
AAGATTTGCGTTAATGAAGACTACACAGAAAACCTTTCTAGGGATTTGTGTGGATCAGATACATACTTG
GCAAAATTTTGTAGTTTACATTCTTACAGAAAAGTCCATTTAAAGTGATCATTTGTAAGACCAAAATA
TAAATAAAAAGTTTCAAAAATCTATCTGAATTTGGAATTTCTTGTTTCTTTCATGTTTAAAAAT
GATGTTTTTCAATGCATTTTTTTCATGTAAGCCCTTTTTTTAGCCAAAATGTAATAATGGCTGTAATAT
TTAAAACTTATAACATCTTATTGTTGGTAATAGTGCTTTATATTTGTCTGATTTTATTTTCAAAGTTT
TTTCATTTATGAACATTTTTCATTGGTATATTATTTAAGGAATATCTCTTGATATAGAATTTTATAT
TAAAAATGATTTTCTTTGCTTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_004261.5</a>
<b>Summary:</b>	The protein encoded by this gene belongs to the SEP15/selenoprotein M family. The exact function of this protein is not known; however, it has been found to associate with UDP-glucose:glycoprotein glucosyltransferase (UGTR), an endoplasmic reticulum(ER)-resident protein, which is involved in the quality control of protein folding. The association with UGTR retains this protein in the ER, where it may play a role in protein folding. It has also been suggested to have a role in cancer etiology. This protein is a selenoprotein, containing the rare amino acid selenocysteine (Sec). Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2016]
<b>Locus ID:</b>	9403
<b>MW:</b>	41.3