

Product datasheet for SC212513

SEP15 (NM_203341) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SEP15 (NM_203341) Human 3' UTR Clone
Symbol:	SEP15 (SEP15)
Synonyms:	SEP15
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_203341
Insert Size:	1132 bp

Insert Sequence: >SC212513 3'UTR clone of NM_203341
 The sequence shown below is from the reference sequence of NM_203341. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GCTTTTGGACGACAATGGGAACATTGCTAGAACTGAGCATTCTCAAATGGAACACAGACAGTGTAGA
AGAATTCCTGAGTGAAAAGTTGGAACGCATATAAATCTTGCTTAAATTTGCTCTATCCTTTTGTACC
TTATCAAATGAAATATTACAGCACCTAGAAAATAATTTAGTTTTGCTTGCTTCCATTGATCAGTCTTTT
ACTTGAGGCATTAAATATCTAATTAAATCGTGAAATGGCAGTATAGTCCATGATATCTAAGGAGTTGGC
AAGCTTAACAAAACCCATTTTTTATAAATGTCCATCCTCCTGCATTTGTTGATACCACTAACAAAATGC
TTTGTAACAGACTTGCGGTTAATTATGCAAATGATAGTTTGTGATAATTGGTCCAGTTTTACGAACAAC
AGATTTCTAAATTAGAGAGGTTAACAAGACAGATGATTACTATGCCTCATGTGCTGTGTCTTTGAA
AGGAATGACAGCAGACTACAAAGCAAATAAGATATACTGAGCCTCAACAGATTGCCTGCTCCTCAGAGT
CTCTCCTATTTTGTATTACCCAGCTTTCTTTTAAATACAAATGTTATTTATAGTTTACAATGAATGCA
CTGCATAAAAACTTTGTAGCTTCATTATTGTAAAACATATTCAAGATCCTACAGTAAGAGTGAAACATT
CACAAAGATTTGCGTTAATGAAGACTACACAGAAAACCTTTCTAGGGATTTGTGTGGATCAGATACATA
CTTGCCAAATTTTGTAGTTTACATTCTTACAGAAAAGTCCATTTAAAGTGATCATTGTGAAGACCAA
AATATAAATAAAAAGTTTCAAAAATCTATCTGAATTTGGAATTCCTCTGGTTTGTCTTTTATGTTTAA
AAATGATGTTTTTCAATGCATTTTTTTCATGTAAGCCCTTTTTTGTAGCCAAAATGTAATAATGGCTGTA
ATATTTAAACTTATAACATCTTATTGTTGGTAATAGTGCTTTATATTTGTCTGATTTTATTTTCAAA
GTTTTTTCATTTATGAACACATTTTCATTGGTATATTATTTAAGGAATATCTCTTGATATAGAATTTT
ATATTAATAATGATTTTTCTTTGCTTAA
ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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>NM_203341.3</u>
Summary:	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]
Locus ID:	9403
MW:	44.6