

Product datasheet for **SC215070**

Ensconsin (MAP7) (NM_003980) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ensconsin (MAP7) (NM_003980) Human 3' UTR Clone
Symbol:	Ensconsin
Synonyms:	E-MAP-115; EMAP115
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003980
Insert Size:	1524 bp



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Insert Sequence: >SC215070 3'UTR clone of NM_003980
 The sequence shown below is from the reference sequence of NM_003980. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGACACAGCAGACTGCAGAAATTATATGAGTGTTCCTTCTGAAGAACCAAGCTGAAATTTAATGAGA
ATTTCTACAATTAATGGAATTCCTTTCCTGCTATAAAGGAGCATCCCTCCACCCGTTTTCTAGAGTTC
TTGACCATCATTTTGAAAAGATTATTAATACTAGCTAAAGACAACAGACTGGATAGCTTTTCTAATAA
TTTTTCATCAATAGGAAAAAGAAATACGTCTCATTCTTCAATACTTTAAATGGCTTTTCCAGTGTGC
TCCTTCTAGCAATCAATATTTTCTGCATTCTTTAAAGACAAGAGAATTTGGTTATAAAAGAAATGG
GCTGACTAGGCATGATTTTTTGGTCTTAAAGCTTAACATGTAAATTTGGCAAAAAAATTTTTTACC
TTTTATAATACTTGAAAAATAAGTACCTCTTTGTTCTACAAGTAGAATGAATAGGAGAAGAGTTTAAAGC
CTGTTTTTTTAAATATTATTGCAAAGAGCTCTATTTGTAGAAGCAAATTATAGGCAGATTACCAGGTT
CTTATAAATACAGCTTGTACATGGACATTCTGCAACCCAGCTGTACATTTTTCTTGCAACTCCTTTT
GCAAAAGCAGACTAAAATGTTTTAAATGTGAAAAAACATTATTTTTTCAAAGCAAGAAAAATAATTTAC
TGCCCTCTTACATAATGTATTTATAAAGTTTTTCCAGATAAACTAATCAAATAAATTAGAATAATGTGA
CAACATTACAAATTTAATTTGTTAGCTGCATTCTTCTGATGTTACCACGATAGAATGTTACTGATGAT
TCAGGGCTATTTCTGAAGTCTGTATGTTGCTGCTGTCCTCCAGTGATGGTGGACTTATCTTGCCTTACC
TGATCACAAATATGTTGGGGAAAAATAAGATTTAATATTTCTTTAAATAGAAAAAGAATTTGGTTTTG
CTCGTTTAAGAGCAATGAGAAAAATGATGGAATGTTGACTGTGTTTGGCACACAGGACACGGACCTTCAT
GGAAGTCCTTGCTCTGCTGGCATCTGTCAGCTTTTACCTTTTCACTTCTTATTCTTCACTTTTGTGCT
GAGCCTAGCTGTACAAACTTGCACTTTTCATTTGCTAATATAAATTCAGTTTTATTTTACCATTTTAGAG
ACTACTAATGATTAATGTAGAAGGAGAGGGTGCACATGTTTTATGTGGAGTGTAAAAAGATAAATT
TATACCACTGTAATGTGCAGCTTTTATTAAGAGAAATTGGTTGAAGTCTAGGTTGAATGAGAGACT
TCATCTATTGGACTATTTTTTTAATCCAGGCATATGGTCTTTAGTAATGGCTTGAATTTGTGAAAAC
ATTAATTTGGGGTTTTCCCTGTTTTAGTTGTCCATGTACACATAGTCATTATATTAGAAAAGAAATC
TGTTCAACAACTTGTTAATTTGTTTAAATCAACATAGCATGAAACACCAAATAAAATGTTTGACATA
GTTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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: NM_003980.6

Summary:	The product of this gene is a microtubule-associated protein that is predominantly expressed in cells of epithelial origin. Microtubule-associated proteins are thought to be involved in microtubule dynamics, which is essential for cell polarization and differentiation. This protein has been shown to be able to stabilize microtubules, and may serve to modulate microtubule functions. Studies of the related mouse protein also suggested an essential role in microtubule function required for spermatogenesis. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]
Locus ID:	9053
MW:	59.6