

Product datasheet for **SC213405**

ECT2 (NM_018098) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ECT2 (NM_018098) Human 3' UTR Clone
Symbol:	ECT2
Synonyms:	ARHGEF31
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018098
Insert Size:	1267 bp



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Insert Sequence: >SC213405 3'UTR clone of NM_018098
 The sequence shown below is from the reference sequence of NM_018098. 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
TTAAGTAGATCTACAACCTATTTGATATGAAGCGTTACCAAAATCTTAAATTATAGAAATGTATAGACA
CCTCATACTCAAATAAGAACTGACTTAAATGGTACTTGTAAATTAGCACTTGGTGAAGCTGGAAGGAA
GATAAATAACACTAACTATGCTATTTGATTTTCTTCTTGAAAGAGTAAGGTTTACCTGTTACATTTT
CAAGTTAATTCATGTAAAAATGATAGTGATTTTGATGTAATTTATCTCTGTTTGAATCTGTCATTCA
AAGGCAATAATTTAAGTTGCTATCAGCTGATATTAGTAGCTTTGCAACCCTGATAGAGTAAATAAATT
TTATGGGCGGGTCCAAATACTGCTGTGAATCTATTTGTATAGTATCCATGAATGAATTTATGGAATA
GATATTTGTGCAGCTCAATTTATGCAGAGATTAATGACATCATAACTGGATGAAAACCTGCATAGA
ATTCTGATTAATAGTGGTCTGTTTCACATGTGCAGTTTGAAGTATTTAAATAACCACTCCTTTCACA
GTTTATTTTCTTCAAGCGTTTTCAAGATCTAGCATGTGGATTTTAAAAGATTTGCCCTATTAACAA
GAATAACATTTAAGGAGATTGTTTCAAAATATTTTGCAAATTGAGATAAGGACAGAAAGATTGAGAA
ACATTGTATATTTGCAAAAACAAGATGTTTGTAGCTGTTTCAGAGAGAGTACGGTATATTTATGGTAA
TTTTATCCACTAGCAAATCTTGATTTAGTTTGATAGTGTGTGGAATTTTATTTGAAAGGATAAGACCAT
GGGAAAATTGTGGTAAAGACTGTTTGTACCCTTCATGAAATAATTCTGAAGTTGCCATCAGTTTTACTA
ATCTTCTGTGAAATGCATAGATAGCGCATGTTCAACTTTTTATTGTGGTCTTATAATTAATGTAAAA
AATAATCAAGTTCATATGGATAAATGCATTTTTATTTCTATTTAGGGAGTGCTACAATGTTTG
TCACTTAAATTTCAAGTTTCTGTTTAAATAGTTAACTGACTATAGATTGTTTTCTATGCCATGTATGTG
CCACTTCTGAGAGTAGTAAATGACTCTTTGCTACATTTTAAAAGCAATTGTATTAGTAAGAACTTTGTA
AATAAATACCTAAAACCAAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_018098.6](#)

Summary: The protein encoded by this gene is a guanine nucleotide exchange factor and transforming protein that is related to Rho-specific exchange factors and yeast cell cycle regulators. The expression of this gene is elevated with the onset of DNA synthesis and remains elevated during G2 and M phases. In situ hybridization analysis showed that expression is at a high level in cells undergoing mitosis in regenerating liver. Thus, this protein is expressed in a cell cycle-dependent manner during liver regeneration, and is thought to have an important role in the regulation of cytokinesis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2017]

Locus ID: 1894

MW: 49.4