

Product datasheet for **SC200395**

RUVBL2 (NM_006666) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RUVBL2 (NM_006666) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RUVBL2
Synonyms:	CGI-46; ECP-51; ECP51; INO80J; REPTIN; RVB2; TAP54-beta; TIH2; TIP48; TIP49B
ACCN:	NM_006666
Insert Size:	158 bp
Insert Sequence:	>SC200395 3'UTR clone of NM_006666 The sequence shown below is from the reference sequence of NM_006666. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCAAAGCGGAGACCATGGACACCTCTGAGTTGGATGTCATCCCCGACCCACCCTGTTTTCCACCA GAGTTCTGACACTGTGACTCTGTATAAAATGGTTGGGAAGCTGCACCCACCCTGTGTATGTGTGGTTGC CCTGAGCCACAGAAAGACA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_006666.3</u>



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Summary: This gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that this gene product has both ATPase and DNA helicase activities. This gene is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation. [provided by RefSeq, Jul 2008]

Locus ID: 10856

MW: 5.6