

## Product datasheet for **SC206806**

### **RRBP1 (NM\_004587) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RRBP1 (NM_004587) Human 3' UTR Clone
Symbol:	RRBP1
Synonyms:	ES/130; ES130; hES; p180; RRp
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004587
Insert Size:	533 bp
Insert Sequence:	>SC206806 3'UTR clone of NM_004587 The sequence shown below is from the reference sequence of NM_004587. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
AGCAGCTCAAAGGAGGGCACCTCTGTCTTGAGTTTCCTCTTTGAAAAAGAAGTTACTGTTCAACTTACC  
AAAATGCCTTACACATTCCTTACAATAAACCAACCACTACACAGCGTTATCCAGGCCCAACTCCG  
GTAGCTCCGAGAGAAGCCATGAGAGACAAGTCTCTTAGAGCCACAGAAGTAGACCTTCCAGAGCCCCAG  
TTTGATAAATGAACCTGTGTACATTTGATAAACTATCCTGGGCGCAGCCCCGGGCCACCGCCGAGTG  
ACGCCAAAGCCCTGGTTGACTCTGACAGCCCCGTGGGTGTGTGGGAGCCGGGCGCTCTGGGGTCTGTC  
TGTCAGTGCAATCGTTTAGTGTTTTTTTCAGTGGGCGGGGCGGGAAGCGGTGGGACCGGCCAGCCAGT  
TCTCAAAGGCTGTGGGGCCGACTGGAGGCCACAGCCCCTCACCCCTAGACGTTGCCAACCAGAAGTAC  
GTGTGACCTCCTGGGTGTGATGCCATTAACCAACGTTGGTGCCCGGT  
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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).



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<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>	<u><a href="#">NM_004587.3</a></u>
<b>Summary:</b>	This gene encodes a ribosome-binding protein of the endoplasmic reticulum (ER) membrane. Studies suggest that this gene plays a role in ER proliferation, secretory pathways and secretory cell differentiation, and mediation of ER-microtubule interactions. Alternative splicing has been observed and protein isoforms are characterized by regions of N-terminal decapeptide and C-terminal heptad repeats. Splicing of the tandem repeats results in variations in ribosome-binding affinity and secretory function. The full-length nature of variants which differ in repeat length has not been determined. Pseudogenes of this gene have been identified on chromosomes 3 and 7, and RRBP1 has been excluded as a candidate gene in the cause of Alagille syndrome, the result of a mutation in a nearby gene on chromosome 20p12. [provided by RefSeq, Apr 2012]
<b>Locus ID:</b>	6238
<b>MW:</b>	19.4