

## Product datasheet for **SC206805**

### RRBP1 (NM\_001042576) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RRBP1 (NM\_001042576) Human 3' UTR Clone  
**Symbol:** RRBP1  
**Synonyms:** ES/130; ES130; hES; p180; RRp  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001042576  
**Insert Size:** 533 bp  
**Insert Sequence:** >SC206805 3'UTR clone of NM\_001042576  
 The sequence shown below is from the reference sequence of NM\_001042576. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCAGCTCAAAGGAGGGCACCTCTGTCTTGAGTTTCCTCTTTGGAAAAAGAAGTTACTGTTCAACTTACC
AAAATGCCTTACACATTCCTTACAATAAACCAACCACTACACAGCGTTATCCAGGCCCAACTCCG
GTAGCTCCGAGAGAAGCCATGAGAGACAAGTCTCTTAGAGCCACAGAAGTAGACCTTCCAGAGCCCCAG
TTTGTAATGAACCTGTGTCACATTTGATAAACTATCCTGGGCGCAGCCCCGGCCACCGCCGAGTG
ACGCCAAAGCCCTGGTTGACTCTGACAGCCCCGTGGGTGTGTGGGAGCCGGGCGCTCTGGGGTCTGTC
TGTCAGTGCAATCGTTTAGTGTTTTTTTCAGTGGGCGGGGCGGGAAGCGGTGGGACCGGCAGCCAGT
TCTCAAAGGCTGTGGGGCCGACTGGAGGCCACAGCCCCTCACCCCTAGACGTTGCCAACCAAGAACTGAC
GTGTGACCTCCTGGGTGTGATGCCATTAACCAACGTTGGTGCCCGGT
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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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>	<a href="#">NM_001042576.2</a>
<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