

## Product datasheet for **SC210904**

### Periplakin (PPL) (NM\_002705) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Periplakin (PPL) (NM\_002705) Human 3' UTR Clone  
**Symbol:** Periplakin  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_002705  
**Insert Size:** 907 bp  
**Insert Sequence:** >SC210904 3'UTR clone of NM\_002705  
The sequence shown below is from the reference sequence of NM\_002705. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGCGGTCTTGGTATCTGGGCAGAAGTAGGCACAGCTCTTGCAACTCTTCGTAACGGCAGACGCTGGC
CCTCTCTACGACGCAGTGACCTCCTTGGTGTGTCCTCTCCCTTGCCCTGGTGCAGGCCAAGCATT
ATACATAACCCTCGCTGCCAGGCTGCTCAGAGTCCCGCCACATATGAGACAGGCACTGGCTGAAGACAG
GCAACTCTCGTCCCAACCATCATTACCCCTGAGTGACGTACTTCATCCTCCAATGACTGGACAACCTGCC
ATGCCTTTTCCTCCCTTTTCCTGTACACTCCAGCAACAACTCCTCATGATAACTGCACACAATCTGA
AAACCACTGAAGGACAAGCCAACACAGCAGCCAAGCCCACTCCTTGAGCATGGTACTGGTGGCACA
CCAGACAGTGACTGCCCCACAAGGCCCTGGGCCGTGGGGGCTGCTGCCTGGCATGACATCTCTCCA
GATTTCTGGCTTAAACCAACTTTCCATCCGAGAAGCCTCCTCAGTAGTACTCTGCTCATGAGACAGA
TCTGGGCTCCAAGCCAGGAAAGGTGAACAGAAACCACAAGTGCCAGCCCTCGGTGCTGGAGTGGACGT
TAATTGTCAGCCACCAGACTGTCCCGGCACCTACAGAGAATGTTTCACAGTTCTGGCATTAAATCCTT
TGATAGTGGATTGTGCTGCTGTTAGCCTTAGTTTCAGTGCTTTACAAGTCTCGCTTATTATCTACTGG
TATTTAGGTATACAAAACAGTTGATTATTCACCACGCCAATATCTGGGTCTCTGTATCTCATGTAGAAC
ATAAGAAAATGGGAACTAATAGGAAATTTATTTATAGCATGAAAATAAACCTGGTGGCTGGAGTCTGC
TTGTACGGTC
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI



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<b>OTI Disclaimer:</b>	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).
<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_002705.5</a>
<b>Summary:</b>	The protein encoded by this gene is a component of desmosomes and of the epidermal cornified envelope in keratinocytes. The N-terminal domain of this protein interacts with the plasma membrane and its C-terminus interacts with intermediate filaments. Through its rod domain, this protein forms complexes with envoplakin. This protein may serve as a link between the cornified envelope and desmosomes as well as intermediate filaments. AKT1/PKB, a protein kinase mediating a variety of cell growth and survival signaling processes, is reported to interact with this protein, suggesting a possible role for this protein as a localization signal in AKT1-mediated signaling. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	5493
<b>MW:</b>	33.2