

Product datasheet for **SC205859**

PPHLN1 (NM_201438) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPHLN1 (NM_201438) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPHLN1
Synonyms:	CR; HSPC206; HSPC232
ACCN:	NM_201438
Insert Size:	1509 bp



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Insert Sequence: >SC205859 3'UTR clone of NM_201438
 The sequence shown below is from the reference sequence of NM_201438. 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
ACCAAAGAGATTGAACAGGTGAGAGTCTAGTTGTCTTCATGTACATAATTTTTGTTGTGTGCTTTGC
ACATGTAACATTTATTGAATAAATATGCTTCATTTCTTTTTCCACCTGTAACCTCTAAAACCTACAACCT
AAAAAATTATAAAAAATTGTTGAGTTGACTTCACAGTCAGTTTGATCAGTATGGTCCCCACCTGGATT
GTTTATTTTTAAATAAAAAACAGACTTCTTTTTACAGAATATTAATATTCTAGTTAGTATGAAGCAAT
TAAAAATTATTAAGTTAATAGGGATGGGATGGAAGAAATGTTCAATGTAGCAAAATGTTAGCAATGT
TATTTTTGAATATTGGGATTACAGATGTTTCTTATGTTTTTTCATTATACTTTAAGGTAGTTTCCAAT
ATTAAGGAAAAATAAGGATACTATTTAAGTCTAGTTTTTATGGAAGTATTCTGAAAAGCAGGACT
TTGTTTTAATGTCAACTATTATGGGGTTATTTTCATTTTATGAGGATTAATGAAGTAAATGTGAAA
GGTTTTATAAAATGTAACATTTGTACAGGTGCTTATTGATGTTGTACTCTCTAGTGCCTGGAATAA
ATGTAATTACATTGATAATAATATTCTAAAACCTATTGGAATTAAGAACAAGTAAAACTTTTCTCT
AGGTGCTGTCCGATTTCTACATCAATTAATCCGTTTCCTTTTGTGGATAGGGAATGGTCTCAATCC
TAGATGTGACCGTGTAGCTTATGTTAATGTCACACTAATGTGAAAAGATAAGAACCAGAAATAGGAAAT
TGTCATGCAAACATTGGAGTTTCAAAATGAAGGTGGTGAGCAGTATCAGATGCTTAGAGGAATATAAG
GAAAATGGAGACTGAGAAAATCTGTTTAAATTTGGTGATTGGGAGGCAGTTGGTACCTTTCAAGATAAC
AATTAATGAGAGCATAAGTAAAAGTTTGCTCAGTATATCTATCTTTAACACAAAGATGAATGTCTTT
ATTTTATATAAAATTAAGTCTTTTTTTTTCTTGACATGTTTTTATTTCTTTTCTCCCTTACCATAA
TGGATGCTCTGTGAAAACAAGGGCTTTGTTTTATCTTGTTTTTATTACTGCTACATCTGCCATCACCGA
GAACAGTATGTGTAGCAGGCTTACAAGAAACTTGTGGCCGGCGCGGTGGCTCACGCCTGTAATCCC
AGCACTTTGGGAGGCCGAGGCGGGCGGATCACGAGGTCAGGAGATCGAGACCATCCCGGCTAAAACGGT
GAAACCCCGTCTCTACTAAAAATACAAAAAATTAGCCGGGCGTAGTGGCGGGCACCTGTAGTCCCAGCT
ACTTGGGAGGCTGAGGCAGGAGAATGGCGTGAACCCGGGAGGCGGAGCTTGCAAGTGAAGCCGAGATCCC
CCACTGCACTCCAGCCTGGGCGACAGAGCGAGACTCCGTCTCAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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_201438.2](#)

Summary: The protein encoded by this gene is one of the several proteins that become sequentially incorporated into the cornified cell envelope during the terminal differentiation of keratinocyte at the outer layers of epidermis. This protein interacts with periplakin, which is known as a precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Locus ID: 51535

MW: 58.5