

Product datasheet for **SC205802**

PPEF1 (NM_152224) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PPEF1 (NM_152224) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PPEF1
Synonyms: PP7; PPEF; PPP7C; PPP7CA
ACCN: NM_152224
Insert Size: 460 bp
Insert Sequence: >SC205802 3'UTR clone of NM_152224
The sequence shown below is from the reference sequence of NM_152224. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
ATGAAACCTGATGTCACCAACCTTGGCTAACACAAATGAGAGCTTCCCTCAGGCTCCCTGAAACAGCT  
AGGCCAAATCACAAGTACAGTCTTTCCAACCCCTGAAATTCATAGTCAGTAGCAGAGAAAAGCAG  
ATCCCAATTCATCCACAAACAGATGCATAGTATGGGTTTTGGAAGTCCCTAGCAAGCTGTTATTGGTA  
AGATTAGTTAAATGTCAGTAATAGGATTTGGTTTCAGCATTAGTACCTACATATTGCCAGTGAGAAAC  
TGGGTTGGACCTAGTGGTGTTCGTGAGTGCCACCTAACAGGAGGCCAGAGCGGTTTGAAAACATCC  
TGAAAGGAACTCATACAGCACAAGAGAAACTACTAAGCTTGACATCTGTGAGTGACTGAGGGAGACAG  
GAGGAATACCAGGTTATTCATGGAATAAAGTCTTTCCATCTTTAAA  
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
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).

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_152224.2](#)



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Summary: This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein has been suggested to play a role in specific sensory neuron function and/or development. This gene shares high sequence similarity with the *Drosophila* retinal degeneration C (rdgC) gene. Several alternatively spliced transcript variants, each encoding a distinct isoform, have been described. [provided by RefSeq, Jul 2008]

Locus ID: 5475

MW: 16.9