

## Product datasheet for **SC333126**

### PX19 (PRELID1) (NM\_001271828) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PX19 (PRELID1) (NM\_001271828) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PX19  
**Synonyms:** CGI-106; PRELI; PX19; SBBI12  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333126 representing NM\_001271828.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGTGAAGTATTTCTGGGCCAGAGCGTGCTCCGGAGTTCCTGGGACCAAGTGTTCGCCCTTCTGG
CAGCGGTACCCGAATCCCTATAGCAAACATGTCTTGACGGAAGACATAGTACACCGGGAGGTGACCCCT
GACCAGAACTGCTGTCCCGGCGACTCTGACCAAGACCAACAGGATGCCACGCTGGGCCGAGCGACTA
TTTCTGCCAATGTTGCTCACTCGGTGTACGTCTGGAGGACTCTATTGTGGACCCACAGAATCAGACC
ATGACTACCTTCACCTGGAACATCAACCACGCCCGGCTGATGGTGGTGGAGGAACGATGTGTTTACTGT
GTGAACCTGACAACAGTGGCTGGACTGAAATCCGCCGGAAGCCTGGGTCTCTAGCTATTTGGT
GTCTCCAGAGCTGTCCAGGAATTTGGTCTTGCCCGATTCAAAGCAACGTGACCAAGACTATGAAGGGT
TTTGAATATATCTTGGCTAAGCTGCAAGCCAAGGAAGCCAAGGAGAAGGCAAAGGAGACGGCACTGGCA
GCTACAGAGAAGGCCAAGGACCTCGCCAGCAAGGCGGCCACCAAGAAGCAGCAGCAGCAACAGTTT
GTGTAG
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271828  
**Insert Size:** 627 bp  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001271828.1](#)

**RefSeq Size:** 1255 bp

**RefSeq ORF:** 627 bp

**Locus ID:** 27166

**UniProt ID:** [Q9Y255](#)

**Cytogenetics:** 5q35.3

**MW:** 24.1 kDa

**Gene Summary:** This gene encodes a member of the late embryogenesis abundant motif-containing protein family. The encoded protein is localized to mitochondria and may function as a cytoprotectant by regulating cell death and differentiation. Alternative splicing results in multiple transcript variants encoding different isoforms. Several related pseudogenes have been identified. [provided by RefSeq, Nov 2012]  
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.