

Product datasheet for **SC115338**

PX19 (PRELID1) (NM_013237) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PX19 (PRELID1) (NM_013237) Human Untagged Clone
Tag:	Tag Free
Symbol:	PX19
Synonyms:	CGI-106; PRELI; PX19; SBBI12
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115338 sequence for NM_013237 edited (data generated by NextGen Sequencing)

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ATGGTGAAGTATTTCTGGGCCAGAGCGTGCTCCGGAGTTCTGGGACCAAGTGTTCGCC
GCCTTCTGGCAGCGGTACCCGAATCCCTATAGCAAACATGTCTTGACGGAAGACATAGTA
CACCGGGAGGTGACCCCTGACCAGAACTGCTGTCCCGGCGACTCCTGACCAAGACCAAC
AGGATGCCACGCTGGGCCGAGCGACTATTTCTGCCAATGTTGCTCACTCGGTGTACGTC
CTGGAGGACTCTATTGTGGACCCACAGAATCAGACCATGACTACCTTCACCTGGAACATC
AACCACGCCCGGCTGATGGTGGTGGAGAACGATGTGTTACTGTGTGAACCTTGACAAC
AGTGGCTGGACTGAAATCCGCCGGGAAGCCTGGGTCTCCTCTAGCTTATTTGGTGTCTCC
AGAGCTGTCCAGGAATTTGGTCTTGCCCGGTTCAAAGCAACGTGACCAAGACTATGAAG
GGTTTTGAATATATCTTGCTAAGCTGCAAGGCGAGGCCCTTCCAAAACACTTGTGTGAG
ACAGCCAAGGAAGCCAAGGAGAAGGCAAAGGAGACGGCACTGGCAGCTACAGAGAAGGCC
AAGGACCTCGCCAGCAAGGCGGCCACCAAGAAGCAGCAGCAGCAACAGTTTGTGTAG
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Clone variation with respect to NM_013237.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013237 unedited TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCG GCACGAGGAGCTGCTTGGGCGCGGTGCGGTGGTACTGAGCTACGAGCCTGGCGCGGGT GTGCGCCGAGCCCGGCCGCGCCCGCCCTCGCGTGCCTCCCAGGCTCCGCACCCCTGAT GCTGCGCGGGTGTGAGCCCGCTTCGGCCGGGACGATGGTGAAGTATTTCTGGGCCAGA GCGTGTCCGGAGTTCTGGGACCAAGTTCGCCGCCTTCTGGCAGCGGTACCCGAATC CCTATAGCAAACATGTCTTGACGGAAGACATAGTACACCGGAGGTGACCCTGACCAGA AACTGCTGTCCCGGCGACTCCTGACCAAGACCAACAGGATGCCACGCTGGGCCGAGCGAC TATTTCTGCCAATGTTGCTCACTCGGTGTACGTCTGGAGGACTCTATTGTGGACCCAC AGAATCAGACCATGACTACCTTACCTGGAACATCAACCAGCCCGGCTGATGGTGGTGG AGGAACGATGTGTTACTGTGTGAACTCTGANACAGTGGCTGGACTGAAATCCGCCGGG AAGCCTGGGTCTCTAGCTTATTTGGTGTCTCCAGAGCTGTCCAGGAAATTTGGTCTT GCCCGTTCAAAGCAACGTGACCAAGACTATGAAAGTTTTTGTATATCTTTGCTAAG CTGCAAGCGAGCCCTCCAAACTTGTGAGACAGCCAAGGAAGCCAAGGAGGAAGG CAAAGGAGACGGCCCTGCAACCTACGGAGAAAGCCAGGAACCTCGCCAGCAAGGCCG GCCCCACAGAAGCACCAGCAGCAACCGTTTGGGGTAACCAGTTTACCACCACCACAG AAC
Restriction Sites:	NotI-NotI
ACCN:	NM_013237
Insert Size:	1260 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).
Reconstitution Method:	<ol style="list-style-type: none"> 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_013237.2 , NP_037369.1
RefSeq Size:	1287 bp
RefSeq ORF:	660 bp
Locus ID:	27166
UniProt ID:	Q9Y255
Cytogenetics:	5q35.3
Domains:	MSF1

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 (1) represents the longer transcript and encodes the longer isoform (1).