

Product datasheet for SC318626

PXDNL (NM_144651) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PXDNL (NM_144651) Human Untagged Clone
Tag:	Tag Free
Symbol:	PXDNL
Synonyms:	PMR1; PRM1; VPO2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318626 representing NM_144651. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGCCAGACTGTTCTGCTGGACCACTCTCTTTCTCCTGGCCGGTGGTGCCTGCCAGGGTTGCC
 TGCCCCAGCCGGTGCCTTTGCTTTAAGAGCACCGTCCGCTGCATGCACCTGATGCTGGACCACATTCCT
 CAGGTACCACAGCAGACCACAGTTCTAGACTTGAGGTTTAACAGAATAAGAGAAATTCAGGGAGCGCC
 TTCAAGAACTCAAGAATTTGAACACACTTCTGCTGAACAACAACCACATCAGAAAGATTTCCAGAAAT
 GCTTTTGAAGGACTTGAATTTGCTATATCTGTACCTGTATAAGAATGAAATCCATGCTAGATAAG
 CAAACATTTAAAGGACTCATATCTTTGGAACATCTGTATATTCATTTCAACCACTAGAAATGCTACAG
 CCAGAGACCTTTGAGACCTTCTGAGATTAGAGCGACTATTTTGCATAACAACAAATTATCTAAAT
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 GCTACCTGCGAATATCCAGGAGACTCCATGGCGTGCACTTGCTTCAGTAACAGTAGAGGAATTCAT
 TGCCAGAGCCCCGAATTACTTTGAGCCGAGGATGTGGAGGTACCATCAGGAAATACCGTCTACTTC
 ACCTGCCGGGCGGAAGGAAACCCAAACCTGAGATTATTTGGATACACAACAACCACTCATTGGATTG
 GAAGATGATACTCGACTTAATGTGTTTATGATGATGGCACACTCATGATCCGAAACACCAGAGAGTCAGAC
 CAAGGTGTCTATCAGTGCATGGCCAGAAATTCGCTGGGGAAGCCAAGACACAGAGTGCCATGCTCAGA
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 AGCACAACCTTTGGAATGTATGGCCACAGGCCACCCACACCCTCTTATCACTTGGACCAGGACAATGGA
 TTGGAGCTGGATGGATCCAGGCACGTGGCAACGTCCAGTGGACTTTACTTACAGAACATCACACAACGG
 GATCATGGTCGATTTACCTGTATGCCAACAATAGCCACGGCACTGTTCAAGCTGCAGCAACATAATT
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 GGCCAATATGAATGTCAAGCAGTCAGTTCGTTGGGGTGAAAAAGGTGTCTGTGCAGCTGACTGTAAAA


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CCCAAAGCTCTTGCACTGTTTACTCAACTTCCTCAGGATACAAGTGTGAGGTTGGAAAGAATATAAAC
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 GAGAGTGGTAAATTCCATGTGGATGATGAAGGCACGCTGACTATCTACGACGCAGGGTCCCTGACCAG
 GGAAGATATGAATGTGTGGCTCGGAATCTTTTGGCCTTGCTGTGACCAACATGTTTCTTACAGTCACG
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 CTGCAGCAGCCACGTGGGGCGCGGCTGACCGCCTTCGCGCGCTGCTGCAGCCAGCTACCGGGAC
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 AACGTTTACGGGAGCTCGGAGCGGGAATCCCAGGCTCTCAGAGACCCCTTCGGTGCCTCGGGGTCTCTG
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 TGCGCGGACAGGAGCAGGAGAGCCCTGTTTCTTGGCCGGGACACCGGGCCAACGAGCATCTGGCT
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 CATAAAGCGCTCTTTTACCGCTCAGAATAATCAAGGAAGGTGGGATAGACCCGTTTCTCCGGGGCTG
 TTTGGCGTGGCTGCTAAATGGCGGGCACCCTCCTACCTTCTCAGTCTGAGCTGACCCAGAGGCTCTTC
 TCCGCGGCTTATTCTGCGGCGTGGATTGCGCTGCCACCATATTCAAAGGGTAGAGACCACGGGATC
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 TGGCCCGCCCTTATGGTTGAAGACCTGATTCTGTTACAAGAGTGGGACCAACACTTATGTGCCTGTTT
 GTTACCCAGTTTACGCGCTAAGAGATGGAGATAGGTTCTGGTATGAAAACCTGGAGTATTACCCCG
 GCACAACCTCACTCAGCTGAAGCAGGCGTCCCTGAGCCGGGTGCTTTGTGACAATGGTGACAGCATTAG
 CAAGTGCAGGCTGATGTCTTTGTAAAGGCAGAATACCCACAGGATTACCTGAACTGCAGCGAGATCCCG
 AAGGTGGACCTGCGAGTGTGGCAAGACTGCTGTGCAGACTGTAGGAGTAGAGGACAGTTACAGAGCAGTG
 ACGCAAGAGTCTCAAAAGAAACGCTCAGCTCAATACAGCTATCCTGTTGATAAGGATATGGAGTTAAGT
 CATCTAAGAAGTAGGCAACAAGATAAAATATATGTGGGTGAAGATGCTAGAAATGTGACAGTTCTGGCA
 AAAACAAAGTTCTCCAAGATTTTACGACGTTTGCAGCGGAAATTCAGGAAACCATCACAGCACTCAGA
 GAGCAGATAAACAAGCTGGAGGCACGCTGAGGCAGGCAGGGTGTACAGATGTTAGAGGGTTCCAAGG
 AAGGCCGAGGAGCGCTGGATGAAAGAAGACTGCACTCACTGCATTGTGAGAGTGGCCAGGTCACTGT
 GTGGTGGAGATTTGTCCCCCGGCTCCCTGTCCAGTCTGAATTGGTGAAGGAACCTGCTGTCCAGTT
 TGCAGAGACCGAGGAATGCCAAGTGATTCCCCAGAGAAGCGCTAA
 ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI
 ACCN: NM_144651
 Insert Size: 4392 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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:	<u>NM_144651.4</u>
RefSeq Size:	4812 bp
RefSeq ORF:	4392 bp
Locus ID:	137902
UniProt ID:	<u>A1KZ92</u>
Cytogenetics:	8q11.22-q11.23
Protein Families:	Druggable Genome
MW:	163.7 kDa
Gene Summary:	Isoform PMR1: Endonuclease selectively degrading some target mRNAs while they are engaged by translating ribosomes, among which albumin and beta-globin mRNAs. [UniProtKB/Swiss-Prot Function]