

Product datasheet for **MC222727**

Prpf6 (NM_133701) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf6 (NM_133701) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf6
Synonyms:	1190003A07Rik; 2610031L17Rik; ANT-1; U5-102K
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222727 representing NM_133701

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAACAAGAAGAAGAAGCCGTTCTGGGCATGCCTGCGCCGCTGGGCTACGTACCCGGGCTGGGCAGGG
GTGCCACTGGCTTACCACCCGATCAGACATCGGGCTGCTCGGGATGCAAATGATCCTGTGGATGATCG
CCATGCCCCACCAGGGAAGAGAAGCTGTGGGGGACCAGATGAAGAAAAATCAGGCGGCTGATGATGATGAT
GAAGATCTGAATGATACCAACTACGATGAGTTTAAATGGCTATGCTGGGAGCCTCTTCTCAAGTGGGCCCT
ATGAAAAAGATGATGAGGAAGCAGATGCTATTTATGCAGCTCTGGATAAAAAGGATGGATGAGAGAAGAAA
AGAGAGAAGAGAGCAAAGGGAGAAAAGAAGAGATTGAGAAATACCGAATGGAACGTCCCAAATCCAGCAG
CAATTTTCAGACCTTAAGAGGAAGCTGGCAGAAGTCACAGAAGAAGAGTGGCTGAGCATCCAGAAGTTG
GCGATGCCAGAAACAAACGTCAACGGAACCCACGTTATGAGAAGCTGACTCCTGTTCTGATAGTTTCTT
TGCCAAACATTTACAGACTGGAGAGAACCATACTTCTGTGGATCCCCGACAGACTCAATTTGGAGGTCTG
AACACACCCTACCCGGGAGGCTGAACACTCCATACCCAGGTGGAATGACACCTGGATTGATGACACCTG
GTACAGGGGAGCTGGACATGAGGAAGATTGGCCAGGCAAGGAATACCCTGATGGACATGAGGCTTAGCCA
GGTATCTGACTCAGTGAATGGGCAGACTGTTGTGGACCCAAAGGCTACCTGACAGATCTAAATCCATG
ATCCCAACCCATGGCGGGGACATAAATGACATCAAGAAAGCAGACTACTTCTCAAATCTGTTCCGAGAAA
CAAACCCTCATCACCCACCAGCTTGATTGATCAGCTCGCTGGAAGAAGTCACTGGAAAGTTACAAGT
AGCTCGAAACCTTATTATGAAAGGGACAGAGATGTGCCCAAGAGTGAAGATGTCTGGCTAGAAGCAGCT
AGGTTACAGCCTGGGGACACAGCCAAGGCTGTGGTGGCACAAGCTGTCCGTCATCTCCCGCAGCTGTTA
GGATTACATCAGAGCAGCAGAGCTAGAACACAGACATTCGAGCAAGAAGCGTGTCTTCGAAAGTCACT
TGAGCATGTTCCAAACTCTGTTTCGATTGTGAAAGCAGCTGTTGAGCTTGAAGAGCCTGAAGATGCTAGA
ATCATGCTGAGCCGAGCAGTAGAGTGTGTCCCACAGTGTAGAGCTATGGCTTGCTTTGGCAAGACTAG
AACTTATGAAAAATGCTCGCAAGGTCTTAAATAAAGCACGTGAGAACATTCCTACAGATCGGCACATCTG
GATCACAGCTGCCAAACTGGAGGAGGCCAATGGGAACACTCAGATGGTGGAAAAGATCATTGACCGAGCC
ATCACCTCCCTACGGGCAATGGTGTAGAGATCAACCCGCAACAGTGGATCCAGGATGCTGAGGAGTGTG
ACAGGGCAGGGAGTGTGGCCACGTGCCAGGCTGTATGCGTGTGTAATCGGTATTGGGATTGAGGAGGA
AGATCGCAAACACACCTGGATGGAAGACGCTGACAGTTGTGTGGCCACAATGCCCTGGAGTGTGCACGA
GCCATATATGCCCTATGCCCTACAAGTCTTCCCCAGCAAGAAAAGTGTGTGTTACGAGCTGCCTACTTTG
AGAAGAATCATGTTACCAGGGAGTCTCTGGAAGCACTCTTGCAGAGGGCTGTAGCCCACTGCCCAAGGC
AGAGGTGCTATGGCTCATGGGTGCCAAGTCAAAGTGGCTGGCAGGGGATGTACCTGCAGCAAGGAGCATC
CTGGCCCTGGCCCTTTCAGGCCAACCCCAACAGCGAAGAGATCTGGTTGGCGGCTGTGAAGCTGGAGTCA
AGAACAATGAATACGAGCGAGCCCGGAGGCTACTGGCCAAGGCTCGGAGCAGCGCACCCACTGCCCGTGT
ATTCATGAAGTCTGTGAAGCTGGAGTGGGTTCTGGGGAACATCTCTCGGCGCAGGAGCTGTGTGAGGAG
GCTCTGAGGCACTATGAAGATTTCCCAAGCTGTGGATGATGAAGGGCAGATTGAGGAGCAGGGAGAAC
TGATGGAGAAGGCCCGGGAGGCCACAACAGGGGCTGAAGAAAATGTCTCATTCCACACCGCTTTGGCT
CTTGCTTTCCCGACTAGAGGAAAAGATTGGGCAGCTGACACGTGCTCGGGCCATTTAGAGAAAATCTCGT
CTGAAAAACCCAAAGAACCCTGGGCTATGGTTGGAGTCAGTGGGCTGGAGTACCGGCAGGGCTGAAGA
ACATTGCCAATACCCTCATGGCCAAGGCCTGCAGGAGTGCCCTAACTCTGGTATCCTGTGGTCTGAAGC
TGTCTTCTTGAGGCAAGGCCCCAGAGAAAAGCAAGAGTGTGGATGCCCTGAAGAAGTGTGAACATGAC
CCCCATGTGCTTTTAGCTGTGGCTAAGTTGTTCTGGAGTGAAGAAAAGATCACCAGGCTCGGGAGTGGT
TCCATCGCACTGTGAAGATTGACTCAGATCTGGGGATGCCTGGGCTTCTTCTACAAAATTTGAACTGCA
GCATGAACTGAGGAGCAACAGGAGGAGGTGAGGAAAACGCTGTGAGAATGCAGAGCCCCGACATGGAGAG
CTGTGGTGTGCTGTGTCCAAGGATATACCAACTGGCAGAGGAAGATTGGGAAAATCCTAGTCTGTTGG
CCGCCCGCATCAAAAATACCTTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_133701
Insert Size:	2826 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_133701.2 , NP_598462.1
RefSeq Size:	3071 bp
RefSeq ORF:	2826 bp
Locus ID:	68879
UniProt ID:	Q91YR7
Cytogenetics:	2 H4
Gene Summary:	Involved in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex, one of the building blocks of the spliceosome. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but does not affect estrogen-induced transactivation.[UniProtKB/Swiss-Prot Function]