

Product datasheet for **RN210637**

Prpf6 (NM_001079766) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf6 (NM_001079766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prpf6
Synonyms:	RGD1307103
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210637 representing NM_001079766
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACAAGAAGAAGAAGCCGTTCTGGGCATGCCCGCGCCGCTGGGCTACGTACCGGGGCTGGGCCGGG
 GTGCCACAGGCTTACCACCCGATCAGACATTGGGCTGCTCGGGATGCAAACGACCCTGTGGACGACCG
 CCATGCCCCACCAGGGAAGAGAAGTGTGGGGGACCAGATGAAGAAAAACAGGCTGCTGATGACGATGAT
 GAGGATCTGAACGATACCAACTACGATGAGTTTAAATGGCTATGCTGGAAGCCTCTTCTCAAGTGGGCCCT
 ATGAAAAAGATGATGAGGAAGCAGATGCTATTTACGCAGCTCTGGATAAGAGGATGGATGAGAGAAGAAA
 AGAGAGAAGAGAGCAAAGGGAAAAAGAAGAGATTGAGAAATACCGAATGGAACGTCCCAAATCCAGCAG
 CAGTTTTACAGACCTTAAGAGGAAGTTGGCAGAGGTCACAGAAGAAGAATGGCTTAGCATCCAGAAGTTG
 GCGATGCCAGAAACAAACGTCAACGGAACCCACGTTATGAGAAGCTGACCCCTGTTCTGATAGTTTCTT
 TGCCAAACATTTACAGACTGGAGAGAACCATACTTCCGTGGATCCCCGACAACTCAATTTGGAGGTCTG
 AATACTCCCTACCCAGGAGGCCGTAACACTCCATACCCAGGTGGAATGACACCAGGATTGATGACACCTG
 GAACAGGGGAGCTGGACATGAGGAAGATTGGCCAGGCCAGGAATACCCTGATGGACATGAGGCTTAGCCA
 GGTATCTGACTCAGTGAGTGGGCAGACTGTTGTGGACCCAAAGGCTATCTGACGGACCTAAACTCTATG
 ATCCCAACCCATGGTGGCGATATAAATGACATCAAGAAAGCAGACTACTTCTTAAATCTGTTCCGAGAAA
 CAAACCTCATCATCCACCAGCCTGGATTGCGTCAGCTCGCCTGGAAGAAGTCACTGGAAAGTTACAAGT
 GGCTCGAAACCTTATTATGAAAGGGACAGAGATGTGCCCAAGAGTGAAGATGTCTGGCTAGAAGCAGCT
 AGGTTACAGCCTGGGGACACAGCCAAGGCTGTGGTGGCACAAGCTGTCCGTCATCTCCACAGCTGTGTTA
 GGATTTACATTAGAGCAGCAGAAGTGAACACAGACATTCGAGCAAGAAGAGCGTGTCTTCGAAAGCCCT
 TGAGCATGTTCCAAACTCCGTTTCGATTGTGAAAGCAGCTGTTGAGCTTGAAGAGCCTGAAGATGCTAGA
 ATCATGCTGAGCCGAGCAGTAGAGTGCTGTCCCACAGTGTAGAGCTCTGGCTTGCTTTGGCAAGCTGG
 AAATTTATGAAAAATGCTCGAAAGGTCTTAAATAAAGCACGTGAGAACATTCCTACAGATCGGCACATCTG
 GATCACCGCTGCCAAGCTTGAGGAGGCCAATGGGAACACTCAGATGGTGGAGAAGATCATTGACCGAGCC
 ATCACGTCTCTTCGGGCCAATGGTGTAGAGATTAATCGCGAACAGTGGATCCAGGATGCTGAGGAGTGTG
 ACAGGGCAGGGAGTGTGGCCACGTGCCAGGCCGTATGCGTGCTGTGATCGGTATCGGGATAGAGGAGGA
 AGATCGCAAACACACCTGGATGGAAGACGCTGACAGTTGTGTGGCCACAATGCCCTGGAGTGTGCACGA
 GCCATATATGCCCTATGCCCTACAAGTCTTCCCCAGCAAGAAAAGTGTGTGTTACGAGCTGCATACTTTG
 AGAAGAACCATGGTACCAGGGAGTCTTTGGAAGCGCTCTTGCAGAGGGCTGTGGCCCACTGCCCAAGGC
 AGAGGTGCTGTGGCTCATGGGTGCCAAGTCAAGTGGCTGGCAGGGGATGTCCTGCAGCAAGAAGCATC
 CTGGCCCTGGCCCTTTCAGGCCAACCCCAACAGCGAAGAGATCTGGCTGGCGGCTGTGAAGCTGGAGTCA
 AGAACAATGAGTACGAGCGAGCCCGGAGGCTGCTGGCCAAGGCCCGGAGCAGCGCACCCACCGCCGCTGT
 GTTCATGAAGTCTGTGAAGCTGGAGTGGGTGCTGGGGAACATCACTGCCGCACAGGAGCTGTGCGAGGAG
 GCTCTGAGGCACTATGAAGATTTCCCAAGCTGTGGATGATGAAGGGCAGATTGAGGAGCAAGGAGAGC
 TGATGGAGAGGGCCCGGAGGCCACAACAGGGGTTGAAGAAATGTCTCACTCCACGCCACTGTGGCT
 CTTGCTTTCCCGCTAGAGGAAAAAGATTGGCAGCTGACTCGTGCTCGGGCCATTTAGAGAAATCTCGT
 CTGAAAAACCCAAAGAACCCTGGGCTGTGGTTGGAGTCAGTGCGGCTGGAGTACCGGCGAGGCTGAAGA
 ATATTGCCAATACCTCATGGCCAAGGCCGCTGCAGGAGTGCCCTAACTCTGGTATCCTGTGGTCTGAAGC
 TGTCTTCTTGGAGCAAGGCCCCAGAGAAAGACCAAGAGTGTGGATGCCCTGAAGAAGTGTGAACATGAC
 CCCCATGTGCTTTTAGCTGTGGCTAAGCTGTTCTGGAGTGAAGAAAGATCACCAAGGCTCGGGAGTGGT
 TCCATCGCACCGTGAAGATTGATTCAGATCTGGGGATGCCTGGGCCCTTCTTCTACAAATTTGAACTACA
 GCATGGCACTGAGGAGCAACAGGAAGAGGTGAGGAAACGCTGTGAGAATGCAGAGCCCCGACATGGAGAG
 CTGTGGTGTGCTGTGTCCAAGGATATACCAACTGGCAGAGAAAGATTGGGAAATCCTAGTGTGGTGG
 CCGCCCGTATCAAAAACACCTTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001079766
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:	<u>NM_001079766.1</u> , <u>NP_001073234.1</u>
RefSeq Size:	3062 bp
RefSeq ORF:	2826 bp
Locus ID:	366276
UniProt ID:	<u>A1A5S1</u>
Cytogenetics:	3q43
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]