OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC217397

Prpf4 (NM_027297) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf4 (NM_027297) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf4
Synonyms:	1600015H11Rik; AI874830; AW047464; bN189G18.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC217397 representing NM_027297
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCCTCACGAGCCTCCTCCACGACAACCAAAACCAAAGCGCCTGACGATTTAGTTGCTCCCGTTG
TGAAGAAACCACACATCTACTATGGAAGCTTGGAAGAGAAAGAGCGGGAACGCCTGGCCAAAGGAGAGTC
TGGGATTTTGGGAAAAGAAGGACTCAAAGCCGGCATTGAAGCAGGAAATATTAATATAACATCCGGAGAA
GTGTTTGAAATTGAGGAGCACATCAGTGAGCGGCAGGCAGAAGTCTTGGCAGAGTTTGAAAGAAGAAAGC
GAGCCCGGCAGATCAATGTTTCCACAGATGACTCAGAGGTCAAGGCTTGCCTTCGAGCCTTGGGAGAGCC
TATCACGCTTTTTGGAGAGGGCCCTGCTGAACGAAGAGAAAGGTTAAGAAATATTCTCTCAGTGGTCGGG
ACTGATGCCTTAAAAAAGACGAAAAAAGATGATGAAAAGTCTAAGAAGTCAAAGGAGGAGTATCAGCAAA
CCTGGTACCATGAAGGGCCAAATAGCCTGAAGGTGGCCAGATTGTGGATTGCTAATTATTCACTCCCCAG
GGCAATGAAACGCTTAGAGGAGGCCCGTCTCCATAAGGAGATTCCTGAGACAACCAGAACCTCCCAGATG
CAGGAGCTGCACAAGTCTCTCCGGTCTTTGAATAATTTCTGCAGTCAGATTGGAGATGACCGGCCGATCT
CCTACTGCCACTTCAGCCCCAATTCTAAAATGCTAGCCACAGCTTGTTGGAGTGGGCTTTGCAAGCTCTG
GTCTGTCCCTGACTGCAGCCTCCTTCACACTCTTCGAGGCCATAACACAAATGTAGGAGCAATTGTATTC
CATCCCAAATCCACTGTCTCGTTGGACCAGAAGGATGTCAACCTGGCCTCTTGTGCTGCTGATGGTTCTG
TGAAGCTTTGGAGCCTTGACAGCGATGAACCAGTGGCAGATATTGAAGGCCATACAGTGCGTGTAGCTCG
GGTAATGTGGCATCCATCAGGGCGTTTCCTGGGCACAACCTGTTATGACCGTTCATGGCGCTTATGGGAT
TTAGAGGCTCAAGAGGAGATCCTGCACCAGGAAGGCCACAGCATGGGTGTGTATGACATTGCCTTCCATC
AAGATGGCTCTTTGGCTGGCACTGGGGGACTGGATGCATTTGGCCGGGTTTGGGACCTACGCACAGGACG
CTGCATTATGTTCCTGGAAGGCCACCTGAAGGAAATCTATGGGATAAATTTCAGCCCCAATGGCTACCAC
ATTGCCACTGGCAGTGGTGACAACACCTGCAAAGTGTGGGACCTTCGGCAGCGACGCTGTGTCTACACCA
TCCCCGCCCATCAGAACTTAGTGACCGGTGTCAAATTTGAGCCTATCCATGGGGACTTCTTGCTCACAGG
TGCCTATGACAATACAGCCAAGATCTGGACCCACCCAGGCTGGTCCCCACTGAAGACCCTGGCTGGTCAT
GAGGGCAAAGTGATGGGCCTGGACATTTCTTCTGATGGGCAGCTCATAGCCACGTGCTCCTATGACAGAA
CCTTCAAGCTCTGGATGGCAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027297

Insert Size: 1566 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_027297.3, NP_081573.1
RefSeq Size:	5237 bp
RefSeq ORF:	1566 bp
Locus ID:	70052
UniProt ID:	Q9DAW6
Cytogenetics:	4 B3
Gene Summary:	Plays role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex).[UniProtKB/Swiss-Prot Function]

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