

Product datasheet for **RN214429**

Chpf2 (NM_001106574) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chpf2 (NM_001106574) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chpf2
Synonyms:	RGD1306404
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214429 representing NM_001106574
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGGCTGAGCTCCCTGCTGGCCGTGCTACGGCCAATGCTCCCCCTCATCTGGGACTGTCTCTGGGAT
 GCAGCCTGAGCCTCCTTCGGGTTTCCTGGATCCAGGGTGAGGGAGAAGATCCCTGTGTAGAGGCTGTGGG
 GAAGCCAGGAGGGCCACAGAATCCAGACTTGAAACACGGGCTGGACCAAAGCGATGAAGACTTCAAACCT
 AGGATTGTCCCCTACTACAGGGACCCTAACAAGCATTACAAGAAGGTGCTCAGGACTCGGTATATACAGA
 CAGAGCTGGGCTCCCGTGAAGCCTTGTGGTGGCTGTCTGACTTCTCGAGCCACACTATCTACCCTGGC
 CGTCGCTGTTAACCGTACAGTGGCACATCACTTCCCTCGTTACTCTACTTCACGGGGCAGCGAGGGGCC
 CGGGCTCTGCGGGGATGCAGGTGGTGTCTCATGGAGATGAGCGGCTGCCTGGCTCATGTCAGAGACCC
 TGCGCCACCTTACACACACTTTGGGGCAGACTATGACTGGTTCTTCATCATGCAGGACGACACATACGT
 GCAGGCCCCAGACTGGCAGCTCTCGTGGCCATCTTAGCATCAACCAAGACCTGTACTTGGGCCACGCA
 GAGGAGTTCATTGGTACAGGAGAGCAGGCCCGGTACTGCCACGGGGGCTTCGGCTACCTGTTGTCACGGA
 GTCTCCTATTGCGTTTTCGGGCCGATCTGGATGGCTGCCGAGGGGACATTCTCAGTGCCCGGCTGATGA
 ATGGCTTGGCCGCTGCCTCATCGACACTCTGGGCATCGGCTGTGTCTCACAGCACCAGGGGCAACAGTAT
 CGCTCCTTCGAACTGGCCAAGAATAGGGACCCTGAGAAGGAGGGGAGCCCTGCATTCTGAGTGCCTTCA
 CCGTTCACCCTGTCTCCGAGGGTACCCTCATGTACCGGCTCCACAACCGTTTCAGTGCCTTGGAGTTGGA
 GCGGGCTACAAGGAGATAGAACAACCTGCAGGCTCAGATCCGGAACCTGACAGTGTGACCCCGAGGGG
 GAGGCAGGGCTAAGCTGGCCTGTTGGGCTCCCAGCCCCATTTCATCCACACTCTCGATTCGAGGTGTTGG
 GCTGGACTACTTCACCGAGCAACACACTTTCGCTGTGCAGAGGGGCTCCCAAGTCCCGCTGCAGGG
 GGCTAGCAGGGCAGATGTGGGGATGCCGTGGACACTGCCCTGGAGCAGCTCAATCGGCCGTATCAGCCC
 CGTTGCGCTTCCAGAAGCAGCGGCTTCTCAACGGCTACAGGCGCTTTGACCCTGCGAGGGGCATGGAGT
 ACACCCTGGACTTGTGTGGAAGCCGTGACTCAACGAGGGCATCGACGCTCCCTGGCCCGCAGAGTGAG
 CCTGCTGAGGCCACTGAGCAAAGTGAAATCCTGCCTATGCCCTATGTCCTGAGGCTACCCGGGTGCAG
 CTGGTGTGCGGATCCTGGTGGCCGAAGCTCCGGCTGCCCTGGCTTTTCTTGAAGCCTTTGCTGCCAGTG
 TTCTGGAGCCTCGAGAACATGCATTGCTCACCTGTTGTTGGTCTATGGGCCCGGAAGGCCGCGGGGG
 CCCTGACCCATTTCTTGGAGTGAAGGCTGCAGCAGCTGAGTTAGAACGACGGTACCCCGGACGAGGCTG
 GCCTGGCTTGTGTTGAGCGGAGGCCCTTCCCAGGTGCGACTCATGGATGTCATCTCCAAGAAACACC
 CCGTGGACACGCTTTTCTCCTTACCCTGTGTGACAAGACCTGGGTCGGAAGTCTCAACCGCTGCCG
 TATGAATGCAATCTCGGGCTGGCAGGCCTTCTTCCGGTCCACTTTCAGGAGTTCACCCCGTTCTGTCA
 CCACAGAGATCTCCCCAGGTGTCCCTGGGGCTGGCCCTGACCCCCATCCCTGGTGTGGACCTTCTC
 GGGGAGCTCCAGTCGGGGGCAGATTTGACCGGCAGGCATCAGCAGAGGGCTGCTTCTACAACGCTGACTA
 CCTGGCAGCCCGGGCCGGCTGGCTGGTGAAGTGGCAGGCCAGGAAGAGGAGGAAGCCCTGGAGGGGCTG
 GAGGTGATGGATGTTTTCTCCGGTCTCAGGGCTCCACTCTTTCGAGCCGTAGAGCCAGGGCTGGTAC
 AGAAGTTCTCCCTGAGGGACTGCAGCCCCGGCTCAGTGAGGAAGTGTACCACCGTTGTGCGCTCAGCAA
 CTTGGAGGGGCTGGGTGCCCGTACCCAGCTAGCTATGGCTCTGTTGAGCAGGAGCAGGCCAACAGCACT
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106574
Insert Size: 2313 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_001106574.1</u> , <u>NP_001100044.1</u>
RefSeq Size:	3763 bp
RefSeq ORF:	2313 bp
Locus ID:	296733
Cytogenetics:	4q11