

## Product datasheet for **RN206041**

### Cpsf1 (NM\_001130571) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cpsf1 (NM\_001130571) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cpsf1  
**Synonyms:** MGC188689  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN206041 representing NM\_001130571  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTACGCGGTGTACAAGCAGGGCGACCCGCCACCGGGCTCGAGTTGCCATGTACTGCAACTTCTTCA  
ACAACAGTGAGCGCAACCTCGTGGTGGCCGGCACCTCGCAGCTCTATGTGTACCGCTGAACCGCGACGC  
TGAGGCTCTGACCAAGAATGATGGGAGCACAGAGGAAAGGCCCATCGAGAGAACTAGAGCTGGTAGCC  
TCCTTCTCTTTTTGGCAATGTCATGTCCATGGCCAGCGTGCAGCTCGCAGGTGCCAAACGCGATGCTT  
TGCTTCTCAGCTTCAAAGACGCTAAGCTGTCTGTGGTGGAGTACGACCCAGGCACTCATGACCTGAAGAC  
CCTGTCTCTGCACTACTTTGAGGAGCCTGAACTTCGGGATGGATTGTGCAAGACGTGCATACGCCCCGT  
GTGCGGGTGGACCTGACGGGCGCTGTGCGCAATGCTCATCTATGGCACAAGACTGGTAGTTCTGCCTT  
TCCGCAGAGAGAGCCTGGCTGAGGAGCATGAAGGGCTCATGGGTGAGGGGAGAGGTCCAGCTTCTGCC  
CAGCTACATCATCGATGTGCGGGCTCTGGATGAGAAGCTGCTCAACATCATTGACCTGCAGTTCTACAC  
GGCTACTATGAGCCACCTGCTTATCCTGTTTGGAGCCCAACAGACCTGGCCAGGGCGGGTGGCTGTGA  
GGCAGGACACGTGCTCCATTGTGGCTATCTCGTGAACATCACACAGAAAGTCCATCCAGTCATCTGGTC  
CCTCACCAGCTTGCTTTTTGACTGTACCCAGGCCCTGGCTGTGCCAAGCCCATAGGTGGGTAGTGATC  
TTCGCTGCAACTCCCTGTTGTACCTGAACAGAGTGTTCCCCCATATGGCGTGGCTCTCAACAGCCTTA  
CCACGGGCACCCTGCTTTTCCATTACGTACCCAAGAAGGTGTAAGGATCACCTGGACTGTGCACAGGC  
GGCCTTCACTCTTATGACAAGATGGTCATCTCCCTCAAGGGTGGTGGAGATTTATGTGCTGACCCTCATC  
ACTGACGGCATGCGAAGTGTCCGAGATTTCACTTTGACAAGGCAGCTGCTAGTGTCTCACCACCAGCA  
TGGTCACAATGGAGCCTGGATACCTGTTCTAGGCTCTCGCTGGCAATTCCTCCTCCTCAAGTACAC  
GGAGAAGCTGCAGGAACCCAGCCAGCTCTGTTCTGAGGCTGCTGACAAGGAAGAACCTCCCTCAAAG  
AAGAAGCGAGTGGACCCTACAGTGGGCTGGACAGGAGCAAGACACAGGATGAGGTGGATGAAATTGAAG  
TTTATGGCAGTGAGGCCAGTCAAGCACACAGTTAGCTACTTACTTTTTGAGGTATGTGATAGCATGCT  
CAACATTGGACCCTGTGCCAATGCTGCTGTGGCGAGCCTGCCTCCTCTCCGAAGAGAACGCCCTGAG



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CCAGACCTGGAGATTGTGGTTTGTTCGGCTACGGGAAAAACGGGGCCCTGTCTGTGTTGCAGAAGAGTA  
 TCCGGCCCCAGGTGGTGACAACCTTTGAACTTCCTGGATGCTATGATATGTGGACAGTCATTGCTCCTGT  
 GCGGAAAGAGGAGGAAGAAACACCCAAAGCAGAGAGCACAGAGCAGGAACCTAGTGCCCTAAAGCAGAG  
 GAGGATGGGCGAAGACATGGATTCTTATTCTTAGCCGAGAAGACTCAACCATGATCCTACAGACTGGCC  
 AGGAGATCATGGAGCTGGACACCAGTGGCTTTGCCACACAGGGTCTACTGTCTTTGCTGGAACATTGG  
 GGACAATCGTTATATTGTCCAAGTCTCGCCATTGGGCATTGCGCTGTTGGAAGGTGTAATCAGCTGCAC  
 TTCATCCCTGTGGACCTGGGCGCCCCATCGTGCAGTGTCTGTGGCTGATCCCTATGTGGTCATCATGA  
 GTGCTGAGGGACACGTTACCATGTTCTACTCAAGAGCGATTCCCTATGGTGGCCGCCACCACCGCTGGC  
 ACTACACAAGCCTCCACTACATCATCAGTCTAAGGTGATTGCGCTCTGCCTGTACCAGATGTGAGTGGC  
 ATGTTCCACTGAGAGCCGCTGGGTGGGGCCCGTGAAGTGGTGGCCGAAGTGGCTCAGAGGCTG  
 AAGGCTGGGCTCAGAAACAAGCCCACAGTGGACGATGAGGAAGAGATGCTATATGGGGACTCCAGTTC  
 CCTCTCAGTCCCAGCAAAGAGGAGGCCGAAGGAGCAACCAGCCACCAGCTGATCGTGACCCTGCACCC  
 TTCAGGGTACCACCTACTGGTGCCTGCTGGTGGGAGAATGGCACCATGGAGATCTACCAGCTCC  
 CAGACTGGCGGCTGGTATTCCTAGTTAAGAACTCCCTGTGGACAGCGGTTCTGGTGGATAGTTCATT  
 TGGACAGCCCACTACACAAGGTGAAGTCCGAAAGGAGGAGCCACACGCCAGGGGAGCTGCCTTTGGTC  
 AAGGAGGTGTTATTGGTTGCTCTGGGAAGCCGGCAGAGCAGGCCCTACCTGCTGGTACATGTGGACCAGG  
 AGTTGCTTATCTATGAAGCCTTCCCATGACTCTCAGCTTGGCCAGGGAACCTTAAAGTCCGTTTCAA  
 GAAGGTCCCCACAACATCAACTTCCGTGAAAAGAAGCCAAAGCCATCCAAGAAGAAGGCAGAAGTTGC  
 AGCACTGAGGAGGATCTGGAGTCCGGGGCCGTGTGGCACGTTTCCGCTACTTTGAGGACATTTATGGCT  
 ATTCGGGGTCTTTATCTGTGGACCCTCACCTCACTGGCTCCTGGTAACTGGCCGTGGGGCTCTGCGTCT  
 GCACCCATGGGCATTGATGGCCCCATCGACTCCTTTGCTCCATTCCACAACGTGAACTGCCCCGTTGGT  
 TTCCTGTACTTCAACAGACAGGGAGAGCTGAGGATCAGTGTCTGCTGCCTACCTGTCTATGATGCC  
 CATGGCCGGTCAGGAAGATTCCACTCCGATGCACAGCCCACTATGTAGCCTACCACGTGGAATCCAAGT  
 ATATGCTGTGGCCACCAGCACCAACACACTTGCCTAGAAATCCACGCATGACTGGTGAGGAGAAAGAA  
 TTTGAGGCCATTGAGAGAGATGACAGATACATCCACCCAGCAGGAAGCCTTCTCCATCCAGCTCATCT  
 CCCCAGTCAGCTGGGAGGCCATCCCAATGCCAGGATCGAGCTAGAGGAATGGGAGCATGTACGTGCAT  
 GAAGACAGTGTACTGCGCAGTGAGGAGACCGTGTGAGGCTAAAGGGCTATGTGGCTGTGGGACCTGC  
 CTCATGCAGGGGAGGAGGTACGTGCCGTGGGCGGATCTTCTGTGGAGCTGCGGGCTAGCGAGCTGA  
 CTGGCATGGCCTTCATCGACACCAGCTGTACATCCACCAGATGATCAGCGTCAAGAACTTCATCCTGGC  
 AGCAGACGTGATGAAGAGCATCTACTGTGCGCTACCAGGAGGAGAGCAAAACGCTCAGCTGGTGTCC  
 CGGGATGCCAAGCCTTTGGAGGTATACAGCGTGGACTTCATGGTGGACAATGCCAGCTGGGCTTCTTGG  
 TGTCTGACCGAGACCGCAATCTTATGGTGTATATGTATCTGCCAGAAGCCAAAGAGATTTTGGGGCAT  
 GCGCCTGTGCGCCGAGCAGACTTCCATGTGGGTGCCACGTGAACACGTTCTGGAGACCCCATGCCGA  
 GGTGCTGTGAGGGGCCAGCAAGAAGTCGGTCAATGTGGGAAAACAAGCATATCATATGGTTTGAACCC  
 TTGATGGTGGCATTGGGCTCCTGCTGCCATGCAAGAGAAGACATACAGACGACTGCTGATGCTGCAGAA  
 TGCACTGACCACCATGCTACCCACCAGCTGGCTCAACCCCGAGCCTTCCGAATGCTGCATGTAGAC  
 CGGCGCATCCTGCAGAATGCTGTACGCAACGTCCTCGATGGAGAAGTGTGAACCGTTACCTATACCTCA  
 GCACCATGGAGCGCAGTGAAGTGGCCAAAGAAGATAGGCACCACACCTGACATCATCTGGACGACTTGT  
 GGAGACAGACCGGTCACGGCTCACTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001130571

**Insert Size:**

4161 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001130571.1</a></u> , <u><a href="#">NP_001124043.1</a></u>
<b>RefSeq Size:</b>	4374 bp
<b>RefSeq ORF:</b>	4161 bp
<b>Locus ID:</b>	366952
<b>Cytogenetics:</b>	7q34