

Product datasheet for **MC224489**

Cpsf1 (NM_001164173) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpsf1 (NM_001164173) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpsf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224489 representing NM_001164173 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACGCGGTGTACAAGCAGGCGCACCCGCCACCGGGCTGGAGTTTACCATGTACTGCAACTTCTTCA
ACAACAGTGAGCGCAACCTCGTGGTGGCCGGCACCTCGCAGCTCTATGTGTACCGCTGAACCGCGACGC
CGAGGCTCTGACCAAGAATGATGGGAGCACAGAGGGGAAGGCCACCGAGAGAACTAGAGCTGGTAGCC
TCCTTCTCTTTTTGGCAATGTCATGTCCATGGCCAGTGTGCAGCTTGCAGGCGCCAAACGTGATGCCT
TGCTTCTCAGTTTCAAAGACGCTAAGCTGTCTGTGGTGGAGTATGACCCAGGCACTCATGACCTGAAGAC
CCTGTCTCTACACTACTTTGAGGAGCCTGAACTTCGGGATGGGTTTGTGCAGAACGTGCATACGCCCTCGT
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CAGCTACATCATTGATGTACGGGCTCTGGATGAGAACTACTCAACATCATTGACCTGCAGTTCTGCAT
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GGCAGGACACGTGCTCCATTGTGGCTATCTCGCTGAACATCACACAGAAAGTCCATCCAGTCATCTGGTC
CCTCACCAGCTTGCCTTTTGACTGTACCAGGCCCTGGCTGTGCCAAGCCCATAGGTGGGGTAGTGATC
TTCGCTGTCAACTCACTGTTGTACCTGAACCAGAGTGTCCCCCATATGGTGTGGCTCTCAATAGTCTCA
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TGCAGAAGAGTATCCGGCCCCAGGTGGTGAACCTTTGAACTTCTGGCTGCTATGATATGTGGACAGT
CATTGCTCCTGTGCGAAAGAGGAGGAAGAAACCCCAAGCAGAGAGCACAGAGCAGGAGCCAGTGC



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CCGAAAGCAGAGGAGGATGGGCGAAGACATGGCTTCTTATTCTTAGCCGGAAGACTCAACCATGATCC
TACAGACTGGCCAGGAGATCATGGAGCTGGACACCAGTGGTTTTGCCACTCAGGGTCTACTGTCTTTGC
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CGCCTTCCGAATGTTGCACGTAGACCGGCATCTTGCAGAAATGCTGTGCGCAACGTCTTGTATGGGGAA
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CCATTTTGTATAA
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001164173

Insert Size:

4353 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_001164173.1, NP_001157645.1</u>
RefSeq Size:	4513 bp
RefSeq ORF:	4353 bp
Locus ID:	94230
UniProt ID:	<u>Q9EPU4</u>
Cytogenetics:	15 D3
Gene Summary:	<p>Component of the cleavage and polyadenylation specificity factor (CPSF) complex that plays a key role in pre-mRNA 3'-end formation, recognizing the AAUAAA signal sequence and interacting with poly(A) polymerase and other factors to bring about cleavage and poly(A) addition. This subunit is involved in the RNA recognition step of the polyadenylation reaction (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>