

Product datasheet for **MC226532**

Cpsf4 (NM_001291248) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cpsf4 (NM_001291248) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cpsf4
Synonyms: 30kDa; C79664
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226532 representing NM_001291248
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGGAATAATCGCCAGCGTAGATCACATCAAGTTCGACTTGGAGATCGCCGTGGAGCAGCAGCTCG
GGGCGCAGCCGCTGCCCTCCCCGGCATGGATAAGTCGGGGCTGCTGTCTGTAATTCTTTTGAAGC
CGCCTGTGGCAAAGGGGGCATGTGTCCATTCGCCACATCAGTGGTGAGAAGACAGTTGTGTCAAACAC
TGGCTGAGAGGACTGTGCAAGAAAGGGGACCAGTGTGAGTTCTTGATGAATATGACATGACCAAGATGC
CTGAGTGTACTTTTACTCCAAGTTCGGGGAATGCAGCAATAAGGAGTGCCCTTCTGCACATCGACCC
TGAATCCAAGATCAAGGACTGCCCTTGGTATGACCGCGGCTTCTGTAAGCATGGTCCCCTGTGTAGGCAT
CGGCACACCCGGAGAGTCATTTGTGTGAACTACCTTGTGGATTCTGCCCTGAGGGACCATCATGTAAT
TCATGCACCCTCGATTTGAACTGCCCATGGGAACCACTGAGCAACCCCACTACCGCAGCAGACACAGCC
TCCAACAAAGCAGAGAGCCCGCAGGTCATTGGGGTCATGCAGAGTCAAACAGCAGTGCAGGCAACCGG
GGACCCCGCCGCTGGAGCAAGTCACTTGCTACAAGTGTGGTGAGAAAGGACACTACGCCAACAGATGCA
CAAAGGGCATTGGCCCTTCTCAGTGGGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001291248
Insert Size: 735 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001291248.1</u> , <u>NP_001278177.1</u>
RefSeq Size:	1725 bp
RefSeq ORF:	735 bp
Locus ID:	54188
UniProt ID:	<u>Q8BQZ5</u>
Cytogenetics:	5 G2
Gene Summary:	<p>Component of the cleavage and polyadenylation specificity factor (CPSF) complex that play 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. CPSF4 binds RNA polymers with a preference for poly(U) (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>