

Product datasheet for **SC126381**

CPSF6 (BC005000) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPSF6 (BC005000) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPSF6
Synonyms:	CFIM; CFIM68; cleavage and polya; cleavage and polyadenylation specific factor 6, 68 kD subunit; cleavage and polyadenylation specific factor 6, 68kD subunit; HPBR11-4; HPBR11-7; pre-mRNA cleavage factor I, 68kD subunit; pre-mRNA cleavage factor Im (68kD)
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC005000 edited
GACCTGCAGGAGGCGCGCGCGCGCGCGCGCGCGGCTGAAGGAAGATGGCGGACGGCG
TGGACCACATAGACATTTACGCGGATGTCGGCGAAGAGTTCAACCAGGAAGCTGAATATG
GTGGGCATGATCAGATAGATTTGTATGACGATGTCATATCTCCATCTGCAAATAATGGAG
ATGCCCCAGAAGACCGAGATTACATGGATACTCTCCACCAACTGTTGGTGATGATGTGG
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TTGGAAATCTAACATGGTGGACAACAGATGAAGACTTAACTGAAGCAGTTCATTCTTTGG
GAGTAAATGATATTTTGGAGATAAAAATTTTTTGAATAATCGAGCAAATGGCCAGTCAAAGG
GGTTTGCCTTGTGGTGTGGATCTGAAGCATCTTCAAAAAAGTTAATGGATCTGTTAC
CTAAAAGAGAAGTTCATGGTCAGAATCCTGTTGTAACCTCATGCAATAAACAGTTCCTGA
GTCAATTTGAAATGCAGTCCAGGAAAACACACAATCAGGACAAATGTCTGGGAAGGTA
AAGCTGGTCTCTAGCTGGGCTCCTAATCGAGGAGATCGCCCTCCACCACAGTTC
TTTTCTGGACAACCTTTGGGCAGCCTCCATTGGGTCCACTTCTCTGGCCCTCCAC
CTCCAGTTCAGGCTACGGCCCCCTCTGGCCACCACCTCCACAACAGGGACCACCTC
CACCTCCAGGCCCTTTCCACCTCGTCCACCCGGTCCACTTGGGCCACCCCTTACTAG
CTCTCTCCGCATCTTCTGGACCACCTCCAGGTGCCCCACCGCCAGCTCCGCATGTGA
ACCCAGCTTTCTTCTCCACCAACTAACAGTGGCATGCCTACATCAGATAGCCGAGGTC
CACCACCAACAGATCCATATGGGCGACCTCCACCATATGATAGGGGTGACTATGGCCCC
CTGGAAGGAAATGGATACTGCAAGAACGCCATTGAGTGAAGCTGAATTTGAAGAAATCA
TGAATAGAAAATAGGGCAATCTCAAGCAGTGCTATTTGAGAGCTGTGTCTGATGCCAGTG
CTGGTGATTATGGGAGTGCTATTGAGACTGGTAACTGCAATTTCTTAAATTAACAAT
CCAAAGTATCTGCTGATGATCGTTGCAAAGTCTTATTAGTCTTTGCAAGATTGCCTTC
ATGGAATTGAGTCCAAGTCTTATGGTTCTGGATCAAGACGTGAACGATCAAGAGAGAGGG
ACCATAGTAGATCACGAGAAAAGAGTCGACGTCATAAATCCCGTAGTAGAGACCGTCATG
ACGATTATTACAGAGAGAGAAGCAGAGAACGAGAGAGGCACCGGGATCGTGACCGAGACC
GTGACCGAGAGCGTGACCGAGAGCGCAATATCGTCATCGTTAGAAGCTGAAGGAAGAGG
ATCACCTTCAAGACAAAACAGTCTTATGGGGAAAAATGACGCTTGCCAGCAGTTTG
CTTCTGTGATTGAAGTAACTGTAAGGATTCATGGATAAAATGAACAGGAATAGATCT
GAATAAAGCAAATCTGCATAAATGGTAACCAGTAGCTCTACTTTATTTTTATGTTGCT
TAACTGTTTTATTTGAAGGAACTGTGTGATTTAAAAAGTTATAGCTTTTGCAACTTTA
TACTGGTTATATACATTTGGCCATTATGATGTGCAAGCAATTGGAAAAAAGTCAAGTA
AATGCTTGTTTTTGTAGTAGTTTGTCTTGTAAAAATGTTTATGATAATGTCTGTAA
ACAGCATCACTTTGATTACAATAGATGTAGTGTGTAATAAACTGTTTAAATGGGGAAAAA
AAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC005000 unedited
NNGGCCGTTTCGTATTTTGAATACGACTCACTATAGGCGGCCGCGTAATTCGCACGAGGG
ACCTGCAGGAGGCGCGCGCGCGCGCGCGCGCGCGGCTGAAGGAAGATGGCGGACGGCGT
GGACCACATAGACATTTACGCGGATGTCGGCGAAGAGTTCAACCAGGAAGCTGAATATGG
TGGGCATGATCAGATAGATTTGTATGACGATGTCATATCTCCATCTGCAAATAATGGAGA
TGCCCCAGAAGACCGAGATTACATGGATACTCTCCACCAACTGTTGGTGATGATGTGGG
TAAAGGAGCAGCACCAAATGTTGTCTATACATATACTGGAAAGAGAATTGCATTATATAT
TGGAAATCTAACATGGTGGACAACAGATGAAGACTTAACTGAAGCAGTTCATTCTTTGGG
AGTAAATGATATTTTGGAGATAAAAATTTTTTGAATAATCGAGCAAATGGCCAGTCAAAGG
GTTTGCCTTGTGGTGTGGATCTGAAGCATCTTCAAAAAAGTTAATGGATCTGTTACC
TAAAAGAGAAGTTCATGGTCAGAATCCTGTTGTAACCTCATGCAATAAACAGTTCCTGAG
TCAATTTGAAATGCAGTCCAGGAAAACACACAACCAGGACAAATGTCTGGGAAGGTAA
AGCTGTTCTCTCTAGCTGGGCTCCTAATCGAGGAGATCGCCCTCCACCACAGTTCT
TTTTCTGGACAACCTTTTGGGCAGCCTCCATTGAGTCCACTTCTCTGGCCCTCCACC
TCCAGTTTCAGGCTACGGCCCCCTCTGGGCCACCACCTTACCAAAGGGACCACCTAC
ACCTTCAGGCCCTTTTTATCTTGTTCACCCGGGGCACTTGGGCCACCCCTTAACT

Restriction Sites: Please inquire

ACCN:	BC005000
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>BC005000.1</u> , <u>AAH05000.1</u>
RefSeq Size:	1942 bp
Locus ID:	11052
Cytogenetics:	12q15
Gene Summary:	The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent of spliceosomal proteins. [provided by RefSeq, Jul 2008]