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# Product datasheet for SC327897

## CPSF7 (NM_024811) Human Untagged Clone

### Product data:

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|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | CPSF7 (NM_024811) Human Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | CPSF7 |
| **Synonyms:** | CFIm59 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |



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**Fully Sequenced ORF:**

>SC327897 representing NM_024811.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGACGGCCGGAGTCTGCGGGCGGAGGGAGTCGCGGGCCTTTTGAGGGAGGAGGCAGAGCGCGCCGG
GCCGGTGGCATCTTCCTTACTTTGTCCATCCTCCGGACTCGCGATCTTCCTTCCGGAGCCATGTCAGAA
GGAGTGGACTTGATTGATATATATGCTGACGAGGAGTTCAACCAGGACCCAGAGTTCAACAATACAGAT
CAGATTGACCTGTATGATGATGTGCTGACAGCCACCTCACAGCCCTCAGATGACAGAAGCAGCAGCACT
GAACCACCTCCTCCTGTTCGCCAGGAGCCATCTCCCAAGCCCAACAACAAGACCCCTGCAATTCTGTAT
ACCTACAGTGGCCTGCGTAATAGACGAGCTGCCGTTTATGTGGGCAGCTTCTCCTGGTGGACCACAGAC
CAGCAGCTGATCCAGGTTATTCGCTCTATAGGAGTCTATGATGTGGTGGAGTTGAAATTTGCAGAGAAT
CGAGCAAATGGCCAGTCCAAAGGGTATGCTGAGGTGGTGGTAGCCTCTGAAAACTCTGTCCACAAATTG
TTGGAACTCCTACCAGGGAAAGTTCTTAATGGAGAAAAAGTGGACGTGAGGCCGGCCACCCGGCAGAAC
CTGTCACAGTTTGAGGCACAGGCTCGGAAACGTGAGTGTGTCCGAGTCCCAAGAGGGGGAATACCTCCA
CGGGCCCATTCCCGAGATTCTAGTGATTCTGCTGATGGACGGGCCACACCCTCTGAGAACCTTGTACCC
TCATCTGCTCGTGTGGATAAGCCCCCCAGTGTGCTGCCCTACTTCAATCGTCCTCCTTCGGCCCTTCCC
CTGATGGGTCTGCCCCCACCACCAATTCCACCCCCACCACCTCTCTCCTCAAGCTTTGGGGTCCCTCCT
CCTCCTCCTGGTATCCACTACCAGCATCTCATGCCCCCACCTCCTCGATTACCTCCTCATCTTGCTGTA
CCTCCCCCTGGGGCCATCCCACCTGCCCTTCACCTCAATCCAGCCTTCTTCCCCCCCACCAAACGCTACA
GTGGGGCCTCCACCAGATACTTACATGAAGGCCTCTGCCCCCTATAACCACCATGGCAGCCGAGATTCG
GGCCCTCCACCCTCTACAGTGAGTGAAGCCGAATTTGAAGATATCATGAAGCGAAACAGAGCAATTTCC
AGCAGTGCCATTTCCAAAGCAGTATCTGGAGCCAGTGCAGGGGATTACAGTGACGCAATTGAGACGCTG
CTCACAGCCATTGCGGTTATCAAACAGTCCCGGGTTGCCAATGATGAGCGTTGCCGTGTCCTCATCTCC
TCTCTTAAGGACTGTCTTCATGGCATCGAAGCCAAGTCCTACAGTGTGGGTGCCAGTGGGAGCTCTTCC
AGGAAAAGACATCGCTCCCGGGAAAGGTCACCTAGCCGGTCCCGGGAGAGCAGCAGGAGGCACCGGGAT
CTGCTTCATAATGAAGATCGGCATGATGATTATTTCCAAGAAAGGAACCGGGAGCATGAGAGACACCGG
GATAGAGAACGGGACCGGCACCACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

**Restriction Sites:** SgfI-MluI

**ACCN:** NM_024811

**Insert Size:** 1545 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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).

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| **Reconstitution Method:** | 1. Centrifuge at 5,000xg for 5min.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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:** | NM_024811.3 |
| **RefSeq Size:** | 3764 bp |
| **RefSeq ORF:** | 1545 bp |
| **Locus ID:** | 79869 |
| **UniProt ID:** | Q8N684 |
| **Cytogenetics:** | 11q12.2 |
| **Domains:** | RRM |
| **MW:** | 56.4 kDa |
| **Gene Summary:** | Cleavage factor Im (CFIm) is one of six factors necessary for correct cleavage and polyadenylation of pre-mRNAs. CFIm is composed of three different subunits of 25, 59, and 68 kDa, and it functions as a heterotetramer, with a dimer of the 25 kDa subunit binding to two of the 59 or 68 kDa subunits. The protein encoded by this gene represents the 59 kDa subunit, which can interact with the splicing factor U2 snRNP Auxiliary Factor (U2AF) 65 to link the splicing and polyadenylation complexes. [provided by RefSeq, Oct 2016]<br>Transcript Variant: This variant (1) is the longest transcript and encodes the longest isoform (1). |