

## Product datasheet for **SC321284**

### INT11 (CPSF3L) (NM\_017871) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	INT11 (CPSF3L) (NM_017871) Human Untagged Clone
Tag:	Tag Free
Symbol:	INT11
Synonyms:	CPSF3L; CPSF73L; INT11; RC-68; RC68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_017871.4  
 CCGCAGGCGGGCCTCGCGGGTCCGGGAGCGCGGCGGAGACGATGCCTGAGATCAGAGTCA  
 CGCCCTTGGGGCCGGCCAGGACGTGGGCCGAAGCTGCATCCTGGTCTCCATTGCGGGCA  
 AGAATGTCATGCTGGACTGTGGAATGCACATGGGCTTCAATGACGACCGACGCTTCCCTG  
 ACTTCTCTACATCACCCAGAACGGCCGCTAACAGACTTCTGGACTGTGTGATCATT  
 GCCACTTCCACCTGGACCACTGCGGGGCACTCCCCTACTTCAGCGAGATGGTGGGTACG  
 ACGGCCCATCTACATGACTCACCCACCCAGGCCATCTGCCCATCTTGCTGGAGGACT  
 ACCGCAAGATCGCCGTAGACAAGAAGGGCGAGGCCAACTTCTTACCTCCAGATGATCA  
 AAGACTGCATGAAGAAGTGGTGGCTGTCCACCTCCACCAGACGGTCCAGGTAGATGATG  
 AGCTGGAGATCAAGGCCTACTATGCAGGCCACGTGCTGGGGGAGCCATGTTCCAGATTA  
 AAGTGGGCTCAGAGTCTGTGGTCTACACGGGTGATTATAACATGACCCAGACCGACT  
 TAGGAGCTGCCTGGATTGACAAGTGCCGCCCAACCTGCTCATCAGAGTCCACGTACG  
 CCACGACCATCCGTGACTCCAAGCGCTGCCGGGAGCGAGACTTCTGAAGAAAGTCCACG  
 AGACCGTGGAGCGTGGTGGGAAGGTGCTGATACCTGTGTTGCGCTGGGCGCGCCAGG  
 AGCTCTGCATCCTCCTGGAGACCTTCTGGGAGCGCATGAACCTGAAGGTGCCCATCTACT  
 TCTCCACGGGGCTGACCGAGAAGGCCAACCACTACTACAAGCTGTTTCATCCCCTGGACCA  
 ACCAGAAGATCCGCAAGACTTTTGTGCAGAGGAACATGTTTGAGTTCAAGCACATCAAGG  
 CCTTCGACCGGGCTTTTGTGACAACCCAGGACCGATGGTTGTGTTTGCCACGCCAGGAA  
 TGCTGCACGCTGGGCAGTCCCTGCAGATCTTCCGAAATGGGCCGAAACGAAAAGAAC  
 TGGTATCATGCCCGCTACTGCGTGCAGGGCACCGTCCGCCACAAGATCCTCAGCGGGC  
 AGCGGAAGCTCGAGATGGAGGGGCGGCAGGTGCTGGAGGTCAAGATGCAGGTGGAGTACA  
 TGTCATTACGCGCACACGCGGACGCCAAGGGCATCATGCAGCTGGTGGCCAGGCAGAGC  
 CGGAGAGCGTGTGCTGGTGCATGGCGAGGCCAAGAAGATGGAGTTCCTGAAGCAGAAGA  
 TCGAGCAGGAGCTCCGGGTCAACTGCTACATGCCGGCCAATGGCGAGACGGTGACGCTGC  
 CCAACAAGCCCCAGCATCCCCGTAGGCATCTCGCTGGGGTGTGTAAGCGGGAGATGGCGC  
 AGGGGCTGCTCCCTGAGGCCAAGAAGCCTCGGCTCCTGCACGGCACCCCTGATCATGAAGG  
 ACAGCAACTTCCGGCTGGTGTCTCAGAGCAAGCCCTCAAAGAGCTGGGTCTGGCTGAGC  
 ACCAGCTGCGCTTACCTGCCGCTGCACCTGCATGACACACGCAAGGAGCAGGAGACGG  
 CATTGCGCTTACAGCCACCTCAAGAGCGTCTGAAGGACCACTGTGTGCAGCACCTCC  
 CGGACGGCTCTGTGACTGTGAGTCCGTCCTCCTCCAGGCCGCGCCCTTCTGAGGACC  
 CAGGCACCAAGGTGCTGTGGTCTCCTGGACCTACCAGGACGAGGAGCTGGGAGCTTCC  
 TCACATCTCTGCTGAAGAAGGGCTCCCCAGGCCCCAGCTGAGGCCGCAACTCACCC  
 AGCCGCCACCTCTGCCCTCTCCCAGCTGGACAGACCCTGGGCCTGCATTCAGGACTGTG  
 GGTGCCCTGGGTGAACAGACCCTGCAGGTCCCATCCCTGGGGACAGAGGCCTTGTGTAC  
 CTGCTGCCAGGCAGCTGTTTGCAGCTGAAGAAACAACTGGTCTCCAGGCTGTCTTGC  
 CTTTATCTCTGGTTAGGGCAGGTGGTCTTAGACAGCAGTTTCCAGTAAAAGCTGAACAAA  
 AGACAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_017871

**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.

<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>NM_017871.4, NP_060341.2</u>
<b>RefSeq Size:</b>	2147 bp
<b>RefSeq ORF:</b>	1803 bp
<b>Locus ID:</b>	54973
<b>UniProt ID:</b>	<u>Q5TA45</u>
<b>Cytogenetics:</b>	1p36.33
<b>Gene Summary:</b>	<p>The Integrator complex contains at least 12 subunits and associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates the 3-prime end processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690). INTS11, or CPSF3L, is the catalytic subunit of the Integrator complex (Baillat et al., 2005 [PubMed 16239144]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (2) lacks two alternate exons in the coding region which results in the use of an upstream start codon, compared to variant 1. The resulting protein (isoform 2) has a shorter and distinct N-terminus when it is compared to isoform 1.</p>