

Product datasheet for **SC106441**

INT11 (CPSF3L) (AL136813) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INT11 (CPSF3L) (AL136813) Human Untagged Clone
Tag:	Tag Free
Symbol:	INT11
Synonyms:	CPSF73L; INT11; INTS11; RC-68; RC68
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC106441 sequence for AL136813 edited (data generated by NextGen Sequencing)

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ATGCCTGAGATCAGAGTCACGCCCTTGGGGGCCGGCCAGGACGTGGGCCGAAGCTGCATC
CTGGTCTCCATTGCGGGCAAGAAATGTCATGCTGGACTGTGGAATGCACATGGGCTTCAAT
GACGACCGACGCTTCCCTGACTTCTCTACATCACCCAGAACGGCCGCTAACAGACTTC
CTGGAGTGTGATCATTAGCCACTTCCACCTGGACCACTGCGGGGCACTCCCCTACTTC
AGCGAGATGGTGGGCTACGACGGCCCCATCTACATGACTCACCCACCCAGGCCATCTGC
CCCATCTTGCTGGAGGACTACCGCAAGATCGCCGTAGACAAGAAGGGCGAGGCCAACTTC
TTCACCTCCCAGATGATCAAAGACTGCATGAAGAAGGTGGTGGCTGCCACCTCCACCAG
ACGGTCCAGGTAGATGATGAGCTGGAGATCAAGGCCTACTATGCAGGCCACGTGTGGGG
GCAGCCATGTTCCAGATTAAGTGGGCTCAGAGTCTGTGGTCTACACGGGTGATTATAAC
ATGACCCAGACCGACACTTAGGAGCTGCCTGGATTGACAAGTGCCGCCCAACCTGCTC
ATCACAGAGTCCACGTACGCCACGACCATCCGTGACTCCAAGCGCTGCCGGGAGCGAGAC
TTCTGAAGAAAGTCCACGAGACCGTGGAGCGTGGTGGGAAGGTGCTGATACCTGTGTT
GGCTGGGCCGCGCCAGGAGCTCTGCATCCTCCTGGAGACCTTCTGGGAGCGCATGAAC
CTGAAGGTGCCCATCTACTTCTCCACGGGCTGACCGAGAAGGCCAACCTACTACAAG
CTGTTTATCCCCTGGACCAACCAGAAGATCCGCAAGACTTTCGTGCAGAGGAACATGTTT
GAGTTCAAGCACATCAAGGCCTTCGACCGGGCTTTTGGTGAACCCAGGACCGATGGTT
GTGTTTGGCACGCCAGGAATGCTGCACGCTGGGCAGTCCCTGCAGATCTTCCGAAATGG
GCCGAAACGAAAAGAACATGGTCATCATGCCCGGCTACTGCGTGCAGGGCACCGTCCGC
CACAAGATCCTCAGCGGGCAGCGGAAGCTCGAGATGGAGGGGCGGCAGGTGCTGGAGGTC
AAGATGCAGGTGGAGTACATGTCATTACGCGCACACGCGGACGCCAAGGGCATCATGCAG
CTGGTGGGCCAGGCAGACCGGAGAGCGTGTGCTGGTGCATGGCGAGGCCAAGAAGATG
GAGTTCTGAAGCAGAAGATCGAGCAGGAGCTCCGGGTCAACTGCTACATGCCGGCCAAT
GGCGAGACGCTGACGCTGCCACAAGCCCCAGCATCCCCGTAGGCATCTCGCTGGGGCTG
CTGAAGCGGGAGATGGCGCAGGGCTGCTCCCTGAGGCCAAGAAGCCTCGGCTCCTGCAC
GGCACCTGATCATGAAGGACAGCAACTCCGGCTGGTGTCTCAGAGCAAGCCCTCAA
GAGCTGGGTCTGGCTGAGCACCAGCTGCGCTTACCTGCCCGTGCACCTGCATGACACA
CGCAAGGAGCAGGAGACGGCATTGCGCTCTACAGCCACCTCAAGAGCGTCTGAAGGAC
CACTGTGTGCAGCACCTCCAGACGGCTCTGTGACTGTGGAGTCCGTCTCTCCAGGCC
GCCGCCCTTCTGAGGACCCAGGCACCAAGGTGCTGCTGGTCTCCTGGACCTACCAGGAC
GAGGAGCTGGGGAGCTTCTCACATCTCTGCTGAAGAAGGGCCTCCCCAGGCCCCAGC
TGA
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Clone variation with respect to AL136813.1
283 t=>c;882 t=>c;1641 g=>a

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AL136813 unedited CGGGCCANNCTTTTCAACCCCGTTAGATTGTATCGATCTTTAGGCGGCCGGAATCGC CGAGCGCATGCTCACCAGCGGGCCTCGCGGGTCCGGGAGCGCGGGAGACGATGCCT GAGATCAGAGTACGCCCTTGGGGGCCGACGCTGGGCCGAAGCTGCATCTGGTC TCCATTGGGGCAAGAATGTCATGCTGGACTGTGGAATGCACATGGGCTCAATGACGAC CGACGCTTCCCTGACTTCTCTACATCACCCAGAACGGCCGCTAACAGACTTCTGGAC TGTGTGATCATTAGCCACTTCCACTGGACCCTGCGGGGCACTCCCTACTTCAGCGAG ATGGTGGGCTACGACGGCCCATCTACATGACTCACCCACCCAGGCCATCTGCCCATC TTGCTGGAGGACTACCGCAAGATCGCCGTAGACAAGAAGGGCGAGGCCAACTTCTCACC TCCCAGATGATCAAAGACTGCATGAAGAAGGTGGTGGCTGCCACTCCACCAGACGGTC CAGATGATGAGCTGGAGATCAAGCCTACTATGCAGGCCACGTGCTGGGGCAGCCATGT TCCAGATAAAGTGGGCTCAGAGTCTGTGGTCTACACGGGTGATTATAACATGACCCAGA CCGACTTANGAGCTGCCTGNNATTGACAGTCCGNCCCAACCTGCTCATCACAGATC CACGTACGCCACGACCATTCGTGACTCCAAGCGTCCCGGGAGCGAGACTTNNCTGAGAA AGTNCACGAGACCGTGNACGTGGTGGAAAGGTGCTGATACCCTGTGTCGCGCTGGCCGG CCCAGGAGCTCTGCATNCTTCTGGAGACTTTTGNACGCATGAACCTGAGTGCCCATCT ACTTTTACGGGGCTGNACGAAAAGGCCACCACTACTACAGCTGTTTCATCCCTGGACCAA CCANAGAATCGCAGACTTCTGCAAGAAN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AL136813 unedited NAAGGTAACACTATGNNACCGCGCCGCATACNATGATCGGTTTTTTTTTTTTTTTTTTT TTGTTCATCTTTACTGGAAAAGT GTGTCTAGGACCCTGCCTAACCGGGATTAAGGCAAAACAGCCTGGAAAACCATTTT GTTTTTTAAGCTGCAAACACCTGCCTGGCAGGCAGGTGAAACAAGGCCTCTGGCCCAAG GGGATGGGACCTGCAGGGTTTGTTCACCCAGGGCACCCACAGTCTGAATTGCAGGCCCA GGGTCTGTCCAGTTGGGAAAGGGCAAAGGTGGCGCCTGGGTGATTTGCCGGCCTCAGCTG GGGCCTGGGGGAGGCCCTTCTCAGGAGAGATGGGAGGAACCTCCCAAGCTCCTAGTCC TGGGAGGGCCAGGAAACCACAGCCCTTGGGGCCTGGTCCCCAAAAGGGCGGGGGCCT GGAGGAGGACAGACTCCACAGTCCAAAACCGTCTGGGAGGTGCTGCACACAGGGCCCT TCAGGACGCTCTTGAAGTGGGTGTAACCCCAATGCCGTATCCGGCTCCTTGCGGGTGT TATGCAAGTGCACCCCGTAGGGGAATCCCACTTGGGGCCTCACCCAGACCCAGCTCCTTGA GGGCTTGCTCTGAGAACCCTCCCGAATTGGGGCCTTAAAAAAGGGGGCCCGGGG AGACCCAGGTTTTTGGGCCCCAGGAAAAAACCCGGGGCATTTCCTGGTTTAAACCC CCCGCGAGATCCCACGGGTAACCCGGGCCTTGGGGCCACGTTACCGTCTTGCCTTG GGCCGGATTGTAACATTTAG</p>
Restriction Sites:	NotI-NotI
ACCN:	AL136813
Insert Size:	2500 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:

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: [AL136813.1](#), [CAB66747.1](#)

RefSeq Size: 2147 bp

RefSeq ORF: 2147 bp

Locus ID: 54973

Cytogenetics: 1p36.33

Domains: lactamase_B

Gene Summary: 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]