

Product datasheet for **SC330434**

INT11 (CPSF3L) (NM_001256462) Human Untagged Clone

Product data:

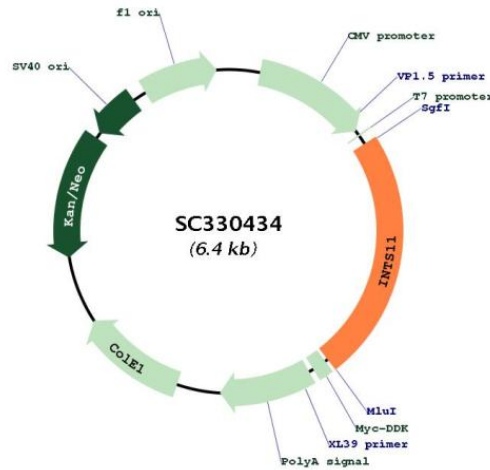
Product Type: Expression Plasmids
Product Name: INT11 (CPSF3L) (NM_001256462) Human Untagged Clone
Tag: Tag Free
Symbol: INTS11
Synonyms: CPSF3L; CPSF73L; INT11; RC-68; RC68
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330434 representing NM_001256462.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCCTGAGATCAGAGTCACGCCCTTGGGTGCCTGCCCTGTGCTGTCTCTGGAACCTGGTCCCTCCACCG
 GGCAGGGGGTCGAGGGCACCTTCCAGCACAGACACCAGGACGGGATTCCATGTCTCCCCATGGCGTG
 AATGATGAGCTGGAGATCAAGGCCTACTATGCAGGCCACGTGCTGGGGCAGCCATGTTCCAGATTTAAA
 GTGGGCTCAGAGTCTGTGGTCTACACGGGTGATTATAACATGACCCAGACCCGACACTTAGGAGCTGCC
 TGGATTGACAAGTGCCGCCCAACCTGCTCATCACAGAGTCCACGTACGCCACGACCATCCGTGACTCC
 AAGCGCTGCCGGGAGCGAGACTTCTGAAGAAAGTCCACGAGACCGTGGAGCGTGGTGGGAAGGTGCTG
 ATACCTGTGTTCCGCGCTGGGCCGCGCCAGGAGCTCTGCATCCTCCTGGAGACCTTCTGGGAGCGCATG
 AACCTGAAGGTGCCCATCTACTTCTCCACGGGGCTGACCGAGAAGGCCAACCACTACTACAAGCTGTTC
 ATCCCCTGGACCAACCAGAAGATCCGCAAGACTTTCGTGCAGAGGAACATGTTTGAGTTCAAGCACATC
 AAGGCCTTCGACCGGGCTTTTGTGACAACCCAGGACCGATGGTTGTGTTTGCCACGCCAGGAATGCTG
 CACGCTGGGCAGTCCCTGCAGATCTTCCGAAATGGGCCGAAACGAAAAGAACATGGTCATCATGCC
 GGCTACTGCGTGACGGCACCGTCCGCCACAAGATCCTCAGCGGGCAGCGGAAGCTCGAGATGGAGGGG
 CGGCAGGTGCTGGAGGTCAAGATGCAGGTGGAGTACATGTCATTACAGCGCACACGCGGACGCCAAGGGC
 ATCATGCAGCTGGTGGCCAGGCAGAGCCGGAGAGCGTGTGCTGTTGTCATGGCGAGGCCAAGAAGATG
 GAGTTCCTGAAGCAGAAGATCGAGCAGGAGCTCCGGGTCAACTGCTACATGCCGGCCAATGGCGAGACG
 GTGACGCTGCCACAAGCCCCAGCATCCCCGTAGGCATCTCGCTGGGGCTGCTGAAGCGGGAGATGGCG
 CAGGGGCTGCTCCCTGAGGCCAAGAAGCCTCGGCTCCTGCACGGCACCCCTGATCATGAAGGACAGCAAC
 TTCCGGCTGGTGTCTCAGAGCAAGCCCTCAAAGAGCTGGGTCTGGCTGAGCACCAGCTGCGCTTACC
 TGCCGCTGCACCTGCATGACACACGCAAGGAGCAGGAGACGGCATTGCGCGTCTACAGCCACCTCAAG
 AGCGTCTGAAGGACCACTGTGTGCAGCACCTCCAGACGGCTCTGTGACTGTGGAGTCCGTCTCTCTC
 CAGGCCCGCCCTTCTGAGGACCCAGGCACCAAGGTGCTGCTGGTCTCTGGACCTACCAGGACGAG
 GAGCTGGGAGCTTCTCACATCTCTGTAAGAAGGGCTCCCCAGGCCCCAGCTGA

Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001256462

Insert Size: 1509 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: [NM_001256462.1](#)

RefSeq Size: 1874 bp

RefSeq ORF: 1509 bp

Locus ID: 54973

UniProt ID: [Q5TA45](#)

Cytogenetics: 1p36.33

MW: 56.3 kDa

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]
Transcript Variant: This variant (4) lacks several exons which results in the use of an upstream start codon, compared to variant 1. The resulting protein (isoform 4) has a shorter and distinct N-terminus when it is compared to isoform 1.