

Product datasheet for **SC329010**

RC74 (INTS9) (NM_001172562) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RC74 (INTS9) (NM_001172562) Human Untagged Clone
Tag:	Tag Free
Symbol:	RC74
Synonyms:	CPSF2L; INT9; RC74
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001172562, the custom clone sequence may differ by one or more nucleotides <pre> ATGTTGGACTGCGGACTGGACATGACTTCTACCCTCAATTCCTTCCTTTGCCACTTGT CAAAGTCCCAGGCTGTCCAATCTTCTGGCTGGTCCCTGAAGGATGGAATGCTTTCTTG GACAAGGAGCTAAAGGAGTGCTCGGGTCATGTATTTGTGGATTCTGTGCCGAATTCTGT TTACCAGAGACGGAGCTAATAGATCTGTCTACAGTAGATGTGATTCTCATCTCTAACTAT CACTGTATGATGGCGCTGCCATACATCACCGAGCACACCGGCTTCACAGGCACAGTGTAT GCCACGGAACCCACCGTCCAGATCGGCAGGCTTCTCATGGAAGAGCTGGTGAATTCATT GAAAGAGTGCCAAAGGCTCAGTCTGCCTCCTTGTGGAAGAATAAGGACATTGAGAGGCTG TTACCTTCTCCTCTCAAGGATGCAGTGGAGTCTCAACCTGGAGAAGATGCTATACAATG CAAGAGGTGAACTCTGCCCTTAGTAAAATCCAGCTGGTGGGATATTCTCAGAAAATTGAG CTTTTGGTGCGGTCCAGGTGACTCCTCTGAGCTCTGGCTATGCCCTGGGAGCTCCAAC TGGATCATCCAGTCTCATTACGAGAAAGTGTCTTATGTCTCTGGATCCTCCTTGCTTACC ACACACCCCCAGCCCATGGACCAAGCTTCTCTCAAAAACAGCGATGTTCTTGTCTGACA GGGCTTACCCAGATCCCACTGCAAACCCAGATGGAATGGTGGGAGAGTTCTGCAGCAAC CTAGCTCTGACAGTCCGGAATGGAGGAAACGTGTTGGTTCCTGCTACCTTCTGGAGTG ATCTATGACCTCCTGGAGTGCCTATATCAGTACATCGACTCAGCCGGGCTTTCCAGCGTC CCCCTCTACTTCTCCTCCTGTGGCCAACAGTTCAGTGGAGTTTCCAGATCTTTGCT GAGTGGCTTTGTCAACAACAGAGTAAGGTGTATCTCCAGAACACCTTTTCCTCAT GCAGAGCTCATTAGACCAATAAGCTGAAGCACTACCCAGCATCCACGGAGACTTCAGC AACGACTTTAGACAGCCCTGTGTGGTGTTCACCGGGCACCTTCCCTCCGCTTCGGGGAC GTGGTCCACTTCATGGAGCTCTGGGAAAAATCTAGTCTCAATACCGTCATATTCACGGAA CCAGACTTCTCCTACCTGGAAGCCCTGGCTCCTTACCAGCCGCTGGCCATGAAATGCATC TACTGCCCCATCGACACCCGGCTGAACTTCATCCAGGTGTCAAAGCTGCTTAAAGAAGTG CAGCCCCTGACAGTGGTGTGCTGAGCAGTACACTCAGCCGCCCCAGCCAGTCCAC AGGATGGACCTCATGATCGACTGCCAGCCCCCGCCATGTCTATCGGCGGGCTGAGGT CTCGCCCTGCCCTTCAAACGTGGTACGAGAAGATCGAGATCATGCCAGAGCTCGAGAT TCACTGGTGCCCATGGAGATCAAGCCTGGCATCTCCTTGGCAACTGTCTCGGCCGTGCTG CACACCAAAGATAACAAGCACTTGCTTCAGCCCCCTCCTCGGCCGCCAGCCACGAGC GGGAAGAAGAGAAAGCGGTGAGCGATGACGTACCAGACTGCAAAGTCTGAAGCCTTTG TTGAGCGGTTCCATCCCTGTGGAGCAGTTCGTGCAGACCCTGGAGAAGCATGGCTTCAGT GATATTAAGGTGGAGACACAGCCAAGGGCCATATCGTCCTGCTCCAGGAGGCTGAGACG CTCATCCAGATTGAAGAAGACTCGACCCATATCATCTGCGACAATGACGAGATGCTCAGA GTGCGACTGCGGGACCTTGCTCCTCAAATCTTACAGAAGTTCTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001172562
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).

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_001172562.1](#), [NP_001166033.1](#)

RefSeq Size: 2530 bp

RefSeq ORF: 1905 bp

Locus ID: 55756

UniProt ID: [Q9NV88](#)

Cytogenetics: 8p21.1

Gene Summary: This gene encodes a subunit of the Integrator complex. This protein complex binds the C-terminal domain of RNA polymerase II and likely plays a role in small nuclear RNA processing. The encoded protein has similarities to the subunits of the cleavage and polyadenylation specificity factor complex. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]

Transcript Variant: This variant (4) differs in the 5' UTR and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.