

Product datasheet for SC114646

INTS7 (NM_015434) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INTS7 (NM_015434) Human Untagged Clone
Tag:	Tag Free
Symbol:	INTS7
Synonyms:	C1orf73; INT7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114646 sequence for NM_015434 edited (data generated by NextGen Sequencing)

ATGGCGTCAAACTCAACTAAGTCTTTCCTGGCAGATGCCGGCTATGGCGAACAGGAACTG
GATGCCAACTCTGCCCTTATGGAATTGGACAAAGGCCTAAGATCTGGCAAACCTTGGTGAA
CAGTGTGAAGCAGTTGTTTCGCTTTCCAGACTTTTTCAGAAGTATCCATTCCTATTCTT
ATCAATTCTGCATTCTAAAGTTAGCTGATGTTTTCAGAGTTGGAAATAATTTCTGAGG
CTATGTGTTCTTAAAGTTACCAACAAAGTGAGAAACATTTGGAGAAGATTCTAAATGTG
GATGAATTTGTGAAGAGAATTTTTCTGTGATTACATAGTAATGATCCTGTGGCAAGAGCC
ATCACCTCCGGATGTTGGGAAGTCTGGCATCAATAATTCCTGAGAGGAAGAATGCTCAT
CATAGTATTCGTAGAGTTTAGATTACATGATAATGTAGAAGTTGAAGCTGCTGTTTTT
GCTGCTGCAAACTTCTCTGCACAGTCAAAGGATTTTGCTGTAGGAATCTGTAACAAAATC
AGTGAAATGATTCAAGGTTTAGCGACACCAAGTAGACTTGAAGCTAAAATTGATACCCATT
CTACAGCATGACCATGATGCAATCTTGGCTTCCAGTGCTCGTCAGCTTTTACAACAG
CTGGTCACATCCTATCCGTCCACCAAAATGGTGATTGTGCTTTTGACACTTTTCACTCTG
CTTGACAGCGTCATCTTTGGTTGATACACCTAAGCAGATTACAGCTTCTGTTGCAGTATTTG
AAGAATGATCCCAGGAAGGCAGTAAAGAGACTTGCTATTCAAGATCTGAAATTACTTGCT
AATAAACACCACATACTTGGAGTAGGGAGAATATTACGGCACTTTGTGAGTGTGCCCTC
CAGACTCCTTATGACAGCTTAAACTAGGGATGTTGTCTGTCTTTCCACACTATCAGGG
ACCATCGCCATCAAACATTACTTCAGTATAGTTCCAGGAAATGTGAGTTCTTCTCCAGA
TCTTCTGATTTAGTCAAATTAGCCCAAGAGTGCTGTTACCATAATAACAGGGGCATTGCA
GCTCATGGAGTTAGAGTCTAATAATAAAGTGTCTTGTCAAGAAAAGGATCTTTTG
GCACTGGAACAAGATGCTGTCTTTGGCCTGGAATCCCTACTGGTACTTTGTAGTCAAGAT
GATAGTCCAGGTGCTCAGGCCACTTTAAAGATTGCTCTAACTGTATGGTGAAGTTGGCC
AAGGGCAGGCCCCATCTAGCCAGTCAGTAGTTGAGACCTTGTGACTCAATTGCACAGT
GCTCAAGACGCTGCCCGATTTTGATGTGCCATTGCCTGGCAGCCATTGCCATGCAACTG
CCGGTGCTGGGTGATGGGATGCTTGGTGACCTCATGGAGCTGTACAAGGTGATTGGACGA
TCAGCCACAGACAAGCAACAAGAACTTCTGGTGAGTTTGCTACTGTGATTTTTGTGCA



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AGTCAGAAGGCATTGTCTGTGGAAAGTAAGGCAGTAATTAAGCAGCAGCTTGAAAGTGTC
TCCAATGGATGGACTGTATACCGTATTGCCAGACAGGCTTCCAGAATGGGTAATCATGAC
ATGGCCAAAGAGCTTTATCAGAGTTTGCTGACTCAGGTTGCCTCAGAACATTTCTACTTC
TGGCTAAATAGTTGAAGGAGTTTTACATGCAGAACAGTGTCTCACTGGGTTGCAAGAG
GAAAAATTATAGTTCAGCACTTTCTTGCAATTGTTGAATCTTTAAATTTCTATCACAAAGGG
ATTGCTTCCTTAACAGCAGCTAGTACACCACTGAATCCTTTAAGCTTTTCACTGTGAATTT
GTAAACTCAGGATTGACCTTTTACAAGCCTTCTCTCACTTATCTGACTTGTAAATAGC
CTGAAGACAAGCCACCACTGCAATTGCCACAACAATTGCCATGACCTTAGGAAATGAC
CTCCAGAGGTGTGGTCGCATCTCCAATCAGATGAAACAGTCCATGGAAGAATTTGGAAGC
CTTGCTTCTCGATATGGAGATCTTTACCAGGCATCTTTTGATGCTGACTCAGCACTTTG
AGGAATGTTGAATACAGCAGCAGAGCTGTTTACTGATATCTCATGCAATAGAAGCCCTG
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GATAGTGAATATGAAAGAAGAATGATGTCTGTATATAATCATGTCTTGGAGGAGGTAGAA
TCACTCAATCGGAAATATACCCCTGTTTCTTATATGCACACAGCATGCCTCTGCAATGCC
ATCATTGCTTTGCTGAAAGTTCCCTTTCTTTCCAGAGATATTTTTTCCAGAACTACAG
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CCAGGACTCTTCCGCAAAATTCAGTCTGTCTGTCTGAATGTTTCTCCCACTGCAGAGT
AAATCTGGACAAGACTACAAGATACCCATTGACAACATGACCAATGAGATGGAGCAAAGG
GTTGAACCTCATAATGATTACTTCAGTACTCAATTTCTGTTGAATTTGCTATCCTTGGA
ACACACAACATTACAGTGAATCTTCTGTGAAAGATGCCAATGGTATAGTATGGAAGACT
GGTCCCAGAACTACCATATTTGTAAAATCCCTGGAAGACCCTTATCCCAGCAAAATTCGC
TTACAACAGCAGCAAGCCAGCAGCCATTACAGCAGCAGCAGCAACGCAATGCCTACACA
CGTTTTTAA

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Clone variation with respect to NM_015434.3
1772 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015434 unedited

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NTTCGCATTTGTATACTTTCATATAGGGCGGCCGGAATTCGCACGAGGGGCGGGGAAG
ATGGCGGTCTCGGGTAGAGTTTGCAAGCTTTCTGACTAGGCTAGTCGAGTAACTATTCTG
GGTCATGGCGTCAAACCTCAACTAAGTCTTCTGCGCAGATGCCGGCTATGGCGAACAGGA
ACTGGATGCCAACTCTGCCCTTATGGAATTGGACAAAGGCCTAAGATCTGGCAAACCTTGG
TGAACAGTGTGAAGCAGTTGTTGCTTTCCAGACTTTTTTCAAGATATCCATTCCTAT
TCTTATCAATTCTGCATTCTAAAGTTAGCTGATGTTTTTCAAGTTGGAATAATTTCT
GAGGCTATGTGTTCTTAAAGTTACCCAACAAAGTGAGAAACATTTGGAGAAGATTCTAA
TGTGGATGAATTTGTGAAGAGAATTTTTTCTGTGATTCATAGTAATGATCCTGTGGCAAG
AGCCATCACCTCCGGATGTTGGGAAGTCTGGCATCAATAATTCCTGAGAGGAAGATGC
TCATCATAGTATTCGTGAGAGTTTAGATTACATGATAATGTAGAAGTTGAAGCTGCTGT
TTTTGCTGCTGCAAACCTTCTCTGCACAGTCAAAGGATTTTGTGTAGGAATCTGTAACAA
AATCAGTGAAATGATTCAAGTTTACGACACCACTAGACTTGAAGCTAAAATTGATACC
CATTCTACAGCACATGCACCATNGATGCATCTTGGCTTCCAGTGCTCGTCAGCTTTTACA
CAGCTGGTCACATCCTATCCGTCCACCANNATGGTGATTGTGTCTTTGCACACTNTCACT
CTGCTTGACAGTCATCTTTGGTTGATACACCTAAGCAGATTGAGCTTCTGTTGCAGTAT
TTGAGAATGACCCA

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015434 unedited <pre> GGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGAACACTACTGTAAC TTAATACTTATTCATATGAAAAACCAACTGTTCTGGCAATTTGATTGATCTCTTGAG AGTCTGCAGTGCATTCATTCCATGGTAAAACCGTGTGTAGGCATTGCGTTGCTGCTGCT GCTGTAATGGCTGCTGGGCTTGCTGCTGTTGTAAGCGAATTTGCTGGGAATAAGGGTCTT CCAGGGATTTACAAATATGGTAGTTCTGGGACCAGTCTCCATACTATACCATTTGGCAT CTTTCACAGAAGATTCCACTGTAATGTTGTGTGTTCCAAGGATAGCAAAGTTCAACAGAA ATTGAGTACTGAAGTAATCATTATGAGGTTCAACCCCTTTGCTCCATCTCATTGGTCATGT TGTCATGGGTATCTTGTAGTCTTGTCAGATTTACTCTGCAGTGTGGAAGAAACATTCA GACAGACAGACTGAATTTTGCAGGAGAGTCTGGTTTAAATCCGTGCTGAACCACTCCCT CTACCTTTAGCGCCAGCTGCTGGTTATTCTGGACAGCAATGGGCTCTGCAGGATTCGGG GCGATGGTGACAGAGCAAGCTTGATGCTGGTAGACTGTAGTTTCTGAAAAAATATCTCT GGAAAGAAAGGGGAACCTTCAGCAAAGCAATGATGGCATTGCAGAAGCATGCTGTGTGCA TATAAGAAACAGGGGTATATTTCCGATTGAGTGATTCTACCTTCTCAAGACATGATTAT ATACAGACATCATTCTTCTTTCATATCACTATCAGCATGGGCTGTNTCAGTAGATCCATA TTCTTGAAACCTGCTGATTCTTGATCCCAATCAGGGCTTCCATTGCATGAGATATCAA TAAACAGCTCTGCTGCTGTAGTTCAACATCCTCAAAGTGTGAGTCACCATCAAAGAGCC TCGTAAAGACTCTATACCAGACCAAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_015434
Insert Size:	3090 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	<u>NM_015434.1, NP_056249.1</u>

RefSeq Size: 3463 bp

RefSeq ORF: 2889 bp

Locus ID: 25896

UniProt ID: [Q9NVH2](#)

Cytogenetics: 1q32.3

Gene Summary: This gene encodes a subunit of the integrator complex. The integrator complex associates with the C-terminal domain of RNA polymerase II and mediates 3'-end processing of the small nuclear RNAs U1 and U2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.