

Product datasheet for **SC126604**

INTS10 (NM_018142) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INTS10 (NM_018142) Human Untagged Clone
Tag:	Tag Free
Symbol:	INTS10
Synonyms:	C8orf35; INT10
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_018142, the custom clone sequence may differ by one or more nucleotides

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ATGCTCTGCCAGGGGACTGCGAGTTCCTGGTGCAGCGAGCCCGGAGTTGGTGCCGAAGACCTGTGGG
CAGCCAAGGCGTGGCTGATCACGGCCCGCAGCCTCTACCCGGCAGACTTTAACATCCAGTATGAGATGTA
CACCATCGAGCGGAATGCAGAGCGGACCGCCACCGCGGGAGGCTGCTGTACGACATGTTTGTGAATTTT
CCAGACCAGCCGGTGGTGTGGAGAGAAATCAGCATTATTACATCAGCATTAAAGGAACGATTACAGGACA
AACAAACCCAATTTTAAAGAAGTTTATTTGAAACTCTTCTGGTCGGGTCCAGTGTGAAATGTTACTAAA
GGTCACGGAACAATGCTTCAACACGTTAGAACGATCAGAAATGTTGCTTCTACTTTTGGGCGCTTCCCT
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GGCCATGGAGCGCCAGGTCTCCCGCTGTGGAGAGAATCTGATGGTGGTCTGCACAGGTTCTGCATTAAT
GAGAAGATCTTGCTCCTCAGACTCTGACCTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018142 unedited
 TAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCGCGGTGGCGGCGGCGG
 CGGCGGTGGCTGCCGTGGCGGCTGAGAGTCCAGAGCCGGACGTTCCGGCCGCTTCGGGCT
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 TTTATTGTGTATAGTACTTGACAAACAGCTGAATTTATTCAATTATGCCACTAGGTCTAC
 CTCAATAGAAATAGCATCAAGCGCCAGATACATTGGTTTTATGTACTAGCAACGCTTTT
 TAGAGTACTAATTNAAAGGGCTGACGAATCATCAAACGAGCCTGGNGGGGAGAGGGGG
 TATAATTTTAAGATGGGTGAAAAAAGGAGGGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018142 unedited
 CGGCACGCAATCTAGTGTGAGTTTTTTTTTTTTTTTTTCAAATTTTAGGATGATTTTT
 ATTTACAAAACAGATTGGTACTTTTGTGTTTACAAAAATTACAAAAATGACTCTTAAAAA
 TAGAAATAGCTTCTCAACTCTTGGGAAGTCTTTAAGCAACCAAGGAGTTAGAACTCA
 GATGGTTTTCTTCTTTGTAAACAGCAACAATGACCACGGCTCTGTGCCATGGCAATCACTG
 CTGAGTGTCTTCTCTACAATTACACAGGCCCGAGCTGTGTCTGGTGGAAAGGTCTCCAC
 TCAGGTGAGAGTCTGAAGGAGCAAGATCTTCTCATTAAATGCAGAACCTGTGCAGAACAC
 CATCAGATTCTCTCCACAGCGGGAGACCTGGCGCTCCATGGCCAGGCGAAAGTCTCCTT
 CACGCCTTTGGTGATGCCTCGAGTTACAGTGTGGTGCCTGTGAGCAGTCTGTATGCTGGG
 CTGAAGCACAGGTAAGAATTCCTGCTGCAGTAACCCCATGGGAGGGCTAGAAGGCTTGAT
 CAGCATTCTTGGATTGGGTAGTAATTCAGATGAATTTCCACCTTCTGAGTTCTCAA
 GTAGGCAAAATTCCTCCAGCATATCAATATTTGTAAAGTAATTGAAAAAATTCATATTG
 GAAATTTCTTGTGGCAAATTTTATTGACAGCTTTTCAAGGAAAGATTCTCGCCCGGTGG
 CCACTCTTGTCTGAAGCACACAATCACATGCCCCAATGCCATGTCGTCTCTGTTGTCTGTG
 AAAGCTCTAAGCTANAACAGGCTAACATTAAATGGAGGCAGTATGGCATGATAGCCTTGC
 TGGTACAGGNNCAGAGCTNCAGATCCGAACCTTTCTAAATTTGGCTTACTTTCAAGGGTC
 CTCTGGGATTGCCTCATCTGATGGGAGTACATGTACACTCAATAAGACTTTCACAGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_018142

Insert Size:

2830 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_018142.1](#), [NP_060612.1](#)

RefSeq Size: 2539 bp

RefSeq ORF: 1794 bp

Locus ID: 55174

UniProt ID: [Q9NVR2](#)

Cytogenetics: 8p21.3

Gene Summary: INTS10 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690) (Baillat et al., 2005 [PubMed 16239144]).[supplied by OMIM, Mar 2008]