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Product datasheet for SC309810

INTS5 (NM_030628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INTS5 (NM_030628) Human Untagged Clone
Tag:	Tag Free
Symbol:	INTS5
Synonyms:	INT5; KIAA1698
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC309810 representing NM_030628.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGCGCTGTGCGACCCTCCCGGGGCCCCAGGGCCACCTGGGCCTGCCCCGGCCACCCACGGTCCC
GCGCCTCTCAGTGCTCAGGAGCTGTCCCAGGAAATCAAGGCTTTTCTGACTGGCGTAGACCCCATTCTG
GGCCACCAACTCTCAGCCCGGGAACATGCTCGCTGTGGTCTTCTCCTGCTCCGTTCTTTGCCACCTGCT
CGGGCTGCTGTGCTTGACCACTTGAGAGGTGTCTTTGATGAGAGTGTCCGGGCCCACCTGGCTGCCCTG
GATGAAACCCCTGTGGCTGGTCCACCTCACCTCCGTCCACCTCCACCCTCTCATGTCCCTGCTGGTGGA
CCTGGTCTAGAGGATGTGGTTCAGGAAGTGCAGCAGGTGCTGTCTGAGTTTATCCGGGCCAACCCAAAG
GCCTGGGCACCTGTGATTAGTGCATGGTCCATTGACCTCATGGGGCAACTGAGCAGCACGTACTCAGGC
CAGCACCAGCGTGTTCCCCACGCTACTGGCGCTCTTAATGAACTGCTACAGCTGTGGATGGGTTGTAGG
GCCACGCGTACATTAATGGACATCTATGTGCAGTGCCTCTCGGCTCTCATTGGTAGCTGCCCAGATGCG
TGTGTGGATGCCTTGCTGGATACCTCTGTTCAGCATTCTCCACACTTTGACTGGGTTGTGGCACATATT
GGCTCCTCTTTTCCTGGCACCATCATTTCCCGGGTTCTCTCCTGTGGCCTTAAGGACTTTTGTGTCCAT
GGTGGGGCTGGAGGTGGAGCTGGCAGTAGTGGTGGAAGCTCTTCTCAGACCCCCTCTACAGACCCCTTC
CCTGGATCTCCTGCCATTCCTGCGGAGAAACGGGTGCCCAAGATTGCCTCAGTTGTAGGCATCCTAGGT
CACCTGGCCTCCCGCCACGGAGATAGCATCCGACGGGAGCTCCTGCGAATGTTCCATGATAGCCTGGCA
GGGGGATCTGGAGGCCGCAGTGGGGACCCCTCCCTTCAGGCCACGGTTCCGTTCCTACTGCAGCTGGCA
GTCATGTCACCAGCTTTGCTGGGCACTGTCTCTGGAGAGCTTGTGGATTGCCTCAAGCCCCCAGCTGTG
CTGAGCCAGCTGCAGCAACACCTTCAAGGATTCCCCCGAGAGGAGCTGGACAACATGTTGAACCTGGCT
GTGCACCTGGTGAGCCAGGCCTCTGGGGCAGGTGCCTACCGCTTGCTGCAGTTCCTGGTGGACACAGCT
ATGCCTGCTTCGGTCATTACCACCCAGGGCCTGGCTGTGCCAGACACCGTGCGTGAGGCTTGTGACCGG
CTAATCCAGCTGCTGCTGCTGCACCTGCAAAAACTGGTTCATCACCGGGGAGGGTCTCCTGGGGAAGGG
GTGCTAGGCCCGCCCCCACCTCCCCGCTTGGTGCCCTTTTTAGATGCGCTCAAAAACCATGTTGGAGAG
CTGTGTGGAGAGACGTTACGATTGGAACGGAAGCGCTTCCTCTGGCAGCACCAGCTCTTGGGCCTGCTG

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TCTGTCTATACCCGGCCTAGCTGTGGACCTGAGGCCTTGGGCCATCTGCTGAGCCGAGCCCGAAGCCCT
GAAGAGTTGAGTTTGGCCACCCAGTTATATGCAGGGCTAGTGGTCAGCCTCTCTGGCCTCCTGCCCCTG
GCTTTCCGAAGCTGTCTGGCTCGGGTGCATGCAGGGACATTACAGCCTCCCTTCACGGCCCGGTTCCTG
CGCAACTTGGCACTGCTAGTAGGGTGGGAACAGCAGGGTGGCGAGGGCCCTGCAGCCCTAGGGGCGCAC
TTTGGGGAATCTGCCTCAGCCCATCTGTCTGACCTGGCTCCTCTCCTGCTACATCCTGAGGAGGAAGTA
GCTGAAGCTGCTGCCTCTCTCCTGGCCATTTGTCCCTTTCCTTCTGAAGCCTTATCCCCCTCCCAGCTC
CTGGGACTGGTAAGGGCTGGGGTGCACCGCTTCTTTGCCTCTCTGAGGCTGCATGGACCCCCAGGTGTG
GCCTCAGCCTGTCAGCTTCTCACCCGCCTGTCTCAGACATCCCCAGCTGGGCTCAAGGCTGTCCTGCAG
CTGCTGGTTGAAGGAGCCTTACATCGAGGCAACACAGAACTGTTTGGTGGGCAAGTAGATGGGGACAAT
GAGACTCTCTCAGTTGTTTCAGCTTCTTTGGCTTCTGCCTCCCTGTTGGACACTAACCGGAGGCACACT
GCAGCTGTGCCAGGTCCTGGAGGGATTTGGTCAGTTTTCCATGCTGGAGTCATCGGCCGTGGCTTAAAG
CCACCCAAGTTTGTCCAGTCACGAAATCAGCAGGAAGTGATCTATAACACCCAGAGCCTCCTCAGCCTC
CTGGTTCACTGCTGCAGTGCCCCAGGGGGCACTGAATGTGGGGAATGCTGGGGGGCACCCATCTTGAGT
CCAGAGGCAGCCAAAGCAGTGGCAGTGACCTTGGTGGAGAGTGTGTGTCCCGATGCAGCTGGTGCAGAG
CTGGCCTGGCCCCCCGAGGAACACGCCCGGGCCACCGTGGAGCGGGATCTCCGCATTGGCCGGCGCTTC
CGCGAACAGCCCCTGCTCTTTGAGCTGTTAAAGCTGGTAGCAGCTGCACCCCCAGCCCTGTGCTACTGT
TCCGTGCTGCTTCGGGGGCTGCTGGCCGCCCTCTTGGGCCATTGGGAAGCCTCTCGCCACCCTGACACG
ACCCACTCCCCCTGGCACCTGGAGGCATCCTGCACCTTAGTGGCTGTCATGGCTGAGGGAAGCCTCCTG
CCTCCGGCCCTGGGTAATATGCATGAAGTATTTAGCCAACTGGCACCTTTCGAGGTGCGTCTGCTGCTG
CTCAGTGTCTGGGGTTTTCTCCGGGAGCATGGGCCCTTGCCTCAGAAGTTCATCTTCCAATCAGAGCGG
GGTCGCTTCATTCGGGACTTCTCCAGGGAGGGTGGAGGTGAGGGTGGACCCCATCTGGCTGTGCTGCAC
AGTGTCCTCCACCGCAACATCGACCGCCTAGGTCTTTTCTCTGGCCGTTTCCAGGCACCTTCACCGTCC
ACTCTCCTTCGACAGGGGACGTAG
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_030628

Insert Size: 3060 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).

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_030628.1

RefSeq Size:	3300 bp
RefSeq ORF:	3060 bp
Locus ID:	80789
UniProt ID:	Q6P9B9
Cytogenetics:	11q12.3
Protein Families:	Druggable Genome
MW:	108 kDa
Gene Summary:	The Integrator complex is a complex that associates with the C-terminal domain of RNA polymerase II large subunit. This complex is brought to U1 and U2 small nuclear RNA genes, where it is involved in the transcription and processing of their transcripts. The protein encoded by this gene represents a subunit of the Integrator complex. [provided by RefSeq, Aug 2016]