

Product datasheet for **SC318438**

INTS8 (NM_017864) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INTS8 (NM_017864) Human Untagged Clone
Tag:	Tag Free
Symbol:	INTS8
Synonyms:	C8orf52; INT8; NEDCHS
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017864, the custom clone sequence may differ by one or more nucleotides

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ATGAGCGCGGAGGCGGCGGACCGGGAGGCGGCCACCTCCAGCGGCCCTGCACCCCGCCG
CAGACCTGCTGGTTTGTGTTTCTGCTGGAGGAGTCACTGTTGGAGAAACATCTGCGCAAG
CCCTGCCCGGATCCTGCACCACTTCAACTTATAGTTTCACTTTTGAACAGGCTTCCAAA
CCTTCAGTTAATGAACAAAACCAAGTTCAACCTCCGCCTGATAACAAGAGAAATCGTATT
TAAAACTACTTGCTCTTAAAGTTGCTGCACATTTGAAGTGGGACTTAGACATATTAGAG
AAAAGTTTGTCTGTTCCAGTATTGAATATGCTACTAAATGAAGTCTGTCATCAGTAAA
GTTCTCTCTGGACAAAGCATGTAGACATGGATCTGGCCACTTTACCTCCGACCACTGCC
ATGGCTGTACTTCTCTATAATAGATGGGCAATTAGGACAATTGTTCAAAGTAGTTTTCCA
GTCAAACAGGCAAAACCCGGACCCCTCAGTTAAGTGTATGAATCAAATGCAACAGGAA
AAAGAGCTAACAGAAAACATTTTGAAAGTGCTCAAAGAACAGCTGCTGATTCTATTTTG
GTACTAGAAGCAGCCCTAAAATTAACAAGGATCTTTATGTCCATACGATGAGAACTCTA
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TTGAAAGTCAAAACCGAAGAAATGCAGTGCCAGGTGTGCTATGATTTGGGCGCAGCATAC
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ACCAAAGAACTAATTGCAGAGATAGGTTTATTCTCTTATTGTACCATAGATGAGAAG
CGGTTAGCTGGCTATTGTCAAGCATGTGATGTTCTGTACCTTCTTCTGATAGTACATCT
CAACAGTTGACTCCATATAGTCAAGTCCATATTTGTTTGAGATCTGGCAACTATCAGGAG
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TCAGTCTTAAGAGAACTCTTAAAGAAAGCTCAACAGGGAATGAAGCTCTAGATGAAATC
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ATCCCAGCTTCAGCAAGTGTCAACATTGGTCAGTTAGAGCATCAACTTATATTGTGAGTG
GATCCTTGGAGGATTAGACAAATTTAATTGAATTACATGGTATGACTTCAGAGCGCCAG
TTCTGGACAGTGTCTAATAAGTGGGAAGTACCTTCTGTCTATAGTGGTGTATCTGGGA
ATTAAGACAATTTAACAAGAGATTTGGTTTATATTCTTATGGCCAAAGGTTTGCAGTGC

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AGTACTGTTAAGGACTTTTCCCATGCTAAACAGCTCTTTGCTGCTTGTGGAGTTGGTA
ACAGAGTTCTCACCAGCTTCGTCAAGTCATGCTGAATGAGATGTTGCTTTGGATATT
CATACACACGAAGCTGGGACAGGCAGGCAGGAGAGAGACCGCCATCCGACCTTATAAGT
AGAGTACGAGGCTATCTGGAAATGAGGCTTCTGATATTCCTCTTCGTCAAGTTATAGCT
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CCTGCATTTTGTCTCAGAGTAATCCATATGTTAAAGCTTGGACAGCTTTTAGCAGCTACA
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AGTCATGATGCTATGGACTCCTACTACGACTACATATGGGATGTTACCATTTTGGAAATAC
TTGACTTATCTTCATCATAAAAGAGGAGAAACAGATAAAAGACAAATTGCAATCAAGCC
ATCGGCCAGACAGAGTTGAATGCAAGCAATCCAGAAGAAGTGTACAGCTGGCAGCGCAG
AGAAGGAAAAAAAGTTTCTCAAGCAATGGCAAACTTTACTTT
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Restriction Sites:	Please inquire
ACCN:	NM_017864
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_017864.2 , NP_060334.2
RefSeq Size:	3393 bp
RefSeq ORF:	2988 bp
Locus ID:	55656

UniProt ID: Q75QN2

Cytogenetics: 8q22.1

Gene Summary: This gene encodes a subunit of the Integrator complex which is involved in the cleavage of small nuclear RNAs U1 and U2 within the nucleus. The encoded protein associates with RNA polymerase II and is recruited to the U1 and U2 small nuclear RNA genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]
Transcript Variant: This variant (1) represents the shortest transcript and encodes the functional protein.