

Product datasheet for **MC228536**

Ints9 (NM_001253731) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints9 (NM_001253731) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ints9
Synonyms:	BC028953; D14Ertd231e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228536 representing NM_001253731
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGGACTGTGGACTGGACATGACTTCCACCCTCAATTTCTCCCTTTGCCTCTTGTTCAAAGCCCCA
 GGCTATCTAATCTTCCCGGATGGTCTCTAAAAGACGAAATGCTTTTTGGACAAGGAGCTAAAAGAGTG
 CTCGGTCATGTATTTGTGGATTCTGTGCCTGAATTCTGCTTACCAGAGACCGAGCTAATAGACCTGTCT
 ACAGTCGATGTGATCCTCATCTCTAACTACCACTGCATGATGGCGCTGCCCTACATCACCAGCACACAG
 GATTCACAGGCACAGTGTATGCCACAGAACCACCATGCAGATCGGCAGGCTTCTCATGGAAGAGCTGGT
 GAATTTTCATCGAAAGAGTGCCAAAGGCCAGTCTGCCTCCTTGTGGAAGAATAAGGATATACAGCGGCTG
 CTGCCTTCTCCCCTCAAGGATGCAGTGGAAAGTGTCAACCTGGAGAAGATGCTACACGATGCAGGAGGTGA
 ACTCGGCCCTCAGTAAAATCCAGCTGGTGGGATATCCAGAAAATCGAGCTGTTTGGTGTGTCCAGGT
 GACCCCTCTGAGCTCTGGCTATGCCCTTGAAGCTCCAAGTGGATTATCCAGTCACATTATGAGAAAAGTA
 TCTTACGTCTCTGGATCCTCCTTGTACCACACACCCTCAGCCCATGGACCAAGCTTCTCTCAAAAACA
 GTGACGTTCTGATTCTCACAGGGCTGACACAGATCCCTACTGCAAACCCGGACGGCATGGTGGGCGAGTT
 CTGCAGCAACCTCGCTCTGACAGTTCGGAATGGAGGAAACGTGTTGGTCCCTTGCTATCCTTCAGGCGTG
 ATCTATGACCTCCTGGAGTGCTTATATCAATACATTGACTCCGCTGGCCTCTCCAACATCCCTTTCTACT
 TCATCTCCCCCGTTGCCAACAGTTCACCTCGAGTTTTCCAGATTTTTGCTGAGTGGCTTTGTCAACA
 ACAGAGTAAAGTTTACCTCCCAGAACACCTTTCCACATGCAGAGCTCATTAGACGAATAAGCTGAAG
 CACTACCGCAGCATCCACGGTGACTTCAGCAATGACTTCAGACAGCCGTGTGTCTTCCACCGGACATC
 CTCCCTCCGCTTTGGGACGTCGCTCCACTTCATGGAGCTCTGGGGGAAGTCCAGCCTCAACACCATCAT
 ATTCACAGAACCAGATTCTCCTACCTGGAGCCCTTGGCTCCTTACCAGCCGCTGGCCATGAAGTGCATC
 TACTGCCCAATTGACACTCGACTGAATTCATCCAGGTGTCAAAGCTGCTTAAAGAAGTACAGCCCTGC
 ACGTGGTCTGTCTGAGCAGTACACCCAGCCACCAGCCAGCCAGCCACAGGATGGACCTCATGATCGA
 CTGCCAGCCACCAGCCATGTCCTATCGACGGGCTGAGGTCCTTGCCTGCCCTTCAAACGACGCTATGAG
 AAAATTGAAATCATGCCAGAGCTGGCAGACTCCCTGGTGGCCATGGAAATCAAGCCTGGCATCTCCTTGG
 CGACTGTCTCAGCTGTGTGCATACGAAGGATAACAAACATGTGCTTACAGCCCCCTCCAAGCCACCCA
 GCCCACCAGCAGTAAGAAGAGGAAGCGGGTGAACGAGGACATTCCTGACTGCAAAGTACTGAAGCCTCTG
 CTGAGTGGCTCCATCCCCGTAGAGCAGTTTGTGCAGACCCTGGAGAAGCATGGCTTCAGTGACATTAAGG
 TGGAAAGACACAGCAAGGACATATTGTCTGCTGCAGGAAGCCGAGACACTCATCCAGATTGAAGAAGA
 CTCCACTCACATCATCTGTGACAATGACGAGACTGAGGGTCCGACTGCGGGACCTTGCTCAGGTTCT
 CTGCAGAAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001253731

Insert Size: 1905 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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_001253731.1, NP_001240660.1</u>
RefSeq Size:	2727 bp
RefSeq ORF:	1905 bp
Locus ID:	210925
UniProt ID:	<u>Q8K114</u>
Cytogenetics:	14 33.81 cM
Gene Summary:	<p>Component of the Integrator (INT) complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes. Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has an alternate splice site in the 5' region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (2) has a shorter N-terminus, compared to isoform 1.</p>