

Product datasheet for **MC220528**

Ints9 (NM_153414) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints9 (NM_153414) 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: >MC220528 representing NM_153414
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCTGGGCTATAGAGATTAACCGGAAGATCCTTCCCTGTCTTTAGAAGTGAAGAGACTGGTACTGA
 ACAACCAAAAGTCCGATATGAACTGTATTGCCTGTAGGGCACCAACTTTACCATGCAACGTACTCAA
 ATTCAAATCCACTACTATTATGTTGGACTGTGGACTGGACATGACTTCCACCCTCAATTTCTCCCTTTG
 CCTCTTGTCAAAGCCCCAGGCTATCTAATCTTCCCGGATGGTCTCTAAAAGACGGAAATGCTTTTTTGG
 ACAAGGAGCTAAAAGAGTCTCCGGTATGATTTGTGGATTCTGTGCCTGAATTCTGCTTACCAGAGAC
 CGAGCTAATAGACCTGTCTACAGTCGATGTGATCCTCATCTAACTACCACTGCATGATGGCGTGCCC
 TACATCACCGAGCACACAGGATTCACAGGCACAGTGTATGCCACAGAACCACCATGCAGATCGGCAGGC
 TTCTCATGGAAGAGCTGGTGAATTCATCGAAAGAGTGCCAAAGGCCAGTCTGCCTCCTGTGGAAGAA
 TAAGGATATACAGCGGCTGCTGCCTTCTCCCTCAAGGATGCAGTGAAGTGTCAACCTGGAGAAGATGC
 TACACGATGCAGGAGTGAAGTCCGCCCCTCAGTAAAATCCAGCTGGTGGGATATCCAGAAAATCGAGC
 TGTTTGGTGTGTCCAGGTGACCCCTCTGAGCTCTGGCTATGCCCTTGAAGCTCCAACCTGGATTATCCA
 GTCACATTATGAGAAAGTATCTTACGTCTCTGGATCCTCCTTGCTTACCACACACCTCAGCCCATGGAC
 CAAGCTTCTCTCAAAAACAGTGACGTTCTGATTCTCACAGGGCTGACACAGATCCCTACTGCAAACCCGG
 ACGGCATGGTGGGCGAGTTCTGCAGCAACCTCGCTCTGACAGTTCGGAATGGAGGAAACGTGTTGGTCCC
 TTGCTATCCTTACGGCGTATCTATGACCTCTGGAGTGTATATCAATACATTGACTCCGCTGGCCTC
 TCCAACATCCCTTTCTACTTCATCTCCCCGTTGCCAACAGTTCCTCGAGTTTTCCAGATTTTTGCTG
 AGTGGCTTTGTCAACAACAACAGAGTAAAGTTTACCTCCAGAACCACCTTTCCACATGCAGAGCTCAT
 TCAGACGAATAAGCTGAAGCACTACCGCAGCATCCACGGTGACTTCAGCAATGACTTCAGACAGCCGTGT
 GTGCTGTTACCGGACATCCTTCCCTCCGCTTTGGGGACGTCGTCCACTTCATGGAGCTCTGGGGGAAGT
 CCAGCCTCAACACCATCATATTCACAGAACCAGTTTCTCCTACCTGGAGGCCTTGGCTCCTTACCAGCC
 GCTGGCCATGAAGTGCATCTACTGCCCAATTGACACTCGACTGAATTTTCATCCAGGTGTCAAAGTGTCTT
 AAAGAAGTACAGCCCCTGCACGTGGTCTGTCTGAGCAGTACACCAGCCACCGCCAGCCAGGCCACA
 GGATGGACCTCATGATCGACTGCCAGCCACCAGCCATGCTCTATCGAGGGCTGAGGTCTTGCCTGCC
 CTTCAAACGACGCTATGAGAAAATTGAAATCATGCCAGAGCTGGCAGACTCCCTGGTGCCATGGAATC
 AAGCCTGGCATCTCCTTGGCGACTGTCTCAGCTGTGCTGCATACGAAGGATAACAACATGTGCTTACGC
 CCCCTCCAAGCCACCCAGCCACCAGCAGTAAGAAGAGGAAGCGGGTGAACGAGGACATTCCTGACTG
 CAAAGTACTGAAGCCTCTGCTGAGTGGTCCATCCCCGTAGAGCAGTTTGTGCAGACCCTGGAGAAGCAT
 GGCTTCAGTGACATTAAGGTGGAAGACACAGCCAAAGGACATATTGCTCCTGCTGCAGGAAGCCGAGACAC
 TCATCCAGATTGAAGAAGACTCCACTCACATCATCTGTGACAATGACGAGACTGAGGGTCCGACTGCG
 GGACCTTGTCTCAGGTTCTGCAGAAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_153414
- Insert Size:** 2064 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_153414.4](#), [NP_700463.2](#)

RefSeq Size: 2695 bp

RefSeq ORF: 2064 bp

Locus ID: 210925

UniProt ID: [Q8K114](#)

Cytogenetics: 14 33.81 cM

Gene Summary: 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]

Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.