

## Product datasheet for MC202810

### Ints1 (NM\_026748) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ints1 (NM\_026748) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ints1  
**Synonyms:** 1110015K06Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC063266 sequence for NM\_026748  
CGTGTCTCGGGTCTGCAGAGTGCTGACCGGAGGTGAGGGGCTTTGCACCCAGGTGAAGTCCGCTCCCT  
GCGGTGACATCCGTCTCCGCAGTCGGCCCGTGTGTGCCCACTTGCCCTTTCTGTGACCCCGTAGG  
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CTACCCTCAGAGCGCAAGAGAGATGCTTCAGCTTCTCTGTCTGGGACCTCTGCGTGACCCGCTACTA  
AGCGCCCCAACTGTCTCCACTCCCCACTGAGCGCCCTGGGACGTCTGGCTGAAGCCGCAAGTTCGAGA  
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CTGGACGAGATTGAAGCCGCTGAGCTGGAGGGCAATGACGACAGGATCGAGGGAGTGTGTGCGGGGCG  
TGAAGCAGCTGAAGGTGACGCGGGCCAAGCCTGACAGCAGCTCTACCTGAGCCTCATGTACCTGGCCAA  
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TCTGTCAACTTCAAGGCCAAAGGGAACAGCCTCGTGTCTGTACTGGCCTGCAACCTTCTCATGGCCGCT  
ACGAGGAGGACGAGAAGTGGCCTGAGATCTTCGTGAAGGTATACATTGAAGACTCGCTGGGCGAGCGGAT  
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CAGCACAGCTCTGAGCTGGCACCAAGTCTAGCCATGGTGTCCAGGACCTGTGACCAACAAGGATG  
ACTACCTCCGCGCTCTAGGGCCCTGCTGCGGGAGATCATCAAGCAGACCAAGCAGAGATCAACTTCCA



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AGCCTTCTGCCTGGGGCTCATGCAGGAGCGCAAGGAGCCGCAGTACCTGGAGATGGAATTTAAGGAGCGG  
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CAGCGCTGCCGAGACTTGCTGTTGCAACTGTACCTGCAGCGGCCAGAGGTCCGGGTGCCAGTGCCCGAGG
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CACGCTCTGGCAGACACCAGCGACTCCCGGTCTTCTGAGAGCAGAGTGGCTGACGCCAACATGGCCTGC
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GCCGCACTCATCTGAACTTCCAGGAGTCCGGCAGCAGAACACCCTGGCCTTCTTCTGCATGTGCTGGG
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GAAGCTCGAGTGCCTGTGTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** AscI-NotI
- ACCN:** NM\_026748
- Insert Size:** 6381 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:** [BC063266](#), [AAH63266](#)
- RefSeq Size:** 6909 bp
- RefSeq ORF:** 6381 bp
- Locus ID:** 68510
- UniProt ID:** [Q6P4S8](#)
- Cytogenetics:** 5 G2

**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]