

## Product datasheet for MC202672

### Ints3 (NM\_178876) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ints3 (NM_178876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ints3
Synonyms:	C77668
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC055344 sequence for NM\_178876  
 CAAAAGCTTTGCCCCAGCCCGGCCACTCCTGAGGGAGCATCTAGAGAACCCGCGCCTTCCCCTCCGCAG  
 GAGAGGAGGCAAGAGTGC GGAAAGCCAGGCCTGTCGGCCTCCCTCCCACTTGTTCCTTGTCTCCTCGTC  
 CTTGGCAAGCCAGAGTTCTCCATTCTAGGACTTAACACCCGTCTACTCCCTTGACCTCTTCTGGTCTCT  
 TGGCTGCAGCCATGGAGTTACAGAAGGGAAGGGGACCGTAGCAGCTGCTGCATCAGGAGCAGCGGGAGG  
 TGGAGGAGGAGGAGCGGGAGCAGGAGCCCCAGGAGGGGGAGGCTGCTACTTTCAACCAGTTTGGATGCC  
 AAGGATGAGTTAGAGGAGAGGTTGGAAAGGTGCATGAGTATTGTCACATCGATGACCGCTGGTGTCTCCG  
 AGAGAGAGGCCAATGATGCTCTCAATGCCTATGTGTGCAAAGGACCTCCCAGCATGAGGAGATCTGCCT  
 AGGCCTGTTTACTCTTGTCTCACTGAGCCTGCCAAGCCAGAAGTGTACCAGGACTTGGCTCTGGT  
 AGTCGTGATGGTATGAACATCGTCTGAACAAGATCAACCAGCTACTTATGGAGAAGTACTTGAAGCTGC  
 AAGATACCTGCCGTACTCAGTTGGTGTGGTTGGTTCGGGAAGTAAAGAGTGGAGTTCTGGGAGCTGA  
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 GAAAGTGTCTGGATATCCTGACGGAGCAGAGGGAGTGGGTGCTGAAGAGCAGCATCCTCATTGCCATGG  
 CTGTGTACACGTACCTCCGACTTATTGTGGACCACCATGGGACTGCCAGCTCCAGACCTTCCGGCAGAA  
 GGAAGTTGACTTCTGCATCTCCTTGCTTCGGGAACGGTTCATGGAATGTTTGATGATTGGCCGGGACCTT  
 GTAAGATTACTTCAGAATGTTGCTAGGATACCAGAATTTGAACTACTGTGGAAAGATATCATCCATAACC  
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 AGCCTGTCGTCTAACCCAGACATGGAACGAAGTCTCCTTTCATGACATCCCGGGTGGCGTTTGGCCAG  
 CAAAAGCGGTACCAGGACTGGTCCAGCGCCAGTACCTCTCAACCCTGACAGTCACTCTGCGCTGTG  
 ACCTCATTGATACATCTGTGGGTAGTCCACCCCTTAACGAAGTGTGAGTTCTGATATCTTGGCCCG  
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 TTGTTTTATGACTGGCTGTTCTTCAGCCAGAAAAGGATAGTATTATGAACATAGAGCCAGCTATCCTGG  
 TCATGCATCACTCCATGAAGCCCCACCCAGCCATCACTGCCACGCTCCTGGACTTCATGTGCCGAATCAT  
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 GAGAAACGAGTCTTGGCACACTTGGCTCCCCTGTTTGACAACCCTAAATTGGATAAAGAGCTTCGGTCCA  
 TGCTTCGGGAGAAGTTTCTGAGTTCTGCAGCTCGCCCTCCCCTCCTGTGGAAGTCAAAATTGAAGACCC  
 TGTTTCCATGGAATGGACAACCACTCTCAGATAAAGGATGAGAGTTGCTATGACAATGCAGAGGCAGCC



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TTCAGTGATGATGAGGAGGATCTTAATAGCAAAGGGAAGAAGAGAGAGTTTCGCTTCCACCCCATCAAGG
AGACTGTCGTGGAGGAGCCGGTTGATGTACCCCTTACCTTGATCAGTTGGACGAGTCCCTGAGGGACAA
AGTGCTACAGCTACAGAAAGGGAAGTGATACAGAGGCCAGTGTGAGGTTATGCAGGAAATTTGGGATCAG
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CCCCTTTTCGAGGGGAGGTGTTGCTGAAGAGTCACTGAAGAGTCCCTGGAGGAGTCACTAGGGAAACC
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GAGCAGGCCCTGCCATCCTGATGACCAGTTCACCACCAGCATCCTGAGGCACTGGTGCATGAAGCAGCAG
GAGCTGTGGCAGAGCACATCAAGGCGCTGCTCATCAAGAACAACAGCCTGCCCCGCAAGAGGCAGAGCC
TAAGAAGCTCTAGCAGCAAGCTGGCCAGCTGACCCTGGAACAGATCCTGGAACACTTGGACAACCTAAG
GCTCAACCTAGCCAACACCAAGCAGAATTCTTTAGCCAGACACCAATCCTCCATGCGCTGCAGCATGTC
CAGGCAAGCTGTGACGAAGCTCACAAGATGAAGTTCAGTGACCTTCTCCCTGGCGGAGGAATATGAGG
ACTTCTTCCACTAAGCCACCCAAGAGCCGGCGGAAGGCAGCTCTGTCCAGCCCTCGAAGTCGAAAGAAATGC
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TCACCCCTCTTCACTGCTGCTCCCACTGGTAGGTTCTCACAGCAACCAGAAGCTGTGCAGAAGCAGATC
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GGCAAAGATAATCGAGTTTTAAATTGTTTTAAGTGATAATGAAACAAGCCAGAACATCTTTGTGCCTG
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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- Restriction Sites:** Ascl-NotI
- ACCN:** NM\_178876
- Insert Size:** 3126 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:** [BC055344](#), [AAH55344](#)

**RefSeq Size:** 4016 bp

**RefSeq ORF:** 3126 bp

**Locus ID:** 229543

**UniProt ID:** [Q7TPD0](#)

**Cytogenetics:** 3 F1

**Gene Summary:** Component of the Integrator (INT) complex. The Integrator complex is 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 (2) differs in the 3' UTR compared to variant 1. Variants 1 and 2 encode the same protein.