

Product datasheet for **MC205404**

Ints10 (NM_027590) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ints10
Synonyms:	4921521J11Rik; AI462004
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031923
 GGGGGTTGGCGGCCCTAGTGTGCCTACTGGAAGGGCAAAAAACCCGGGACCATGTCGGCCAGGGCG
 ACTGTGAGTTTCTGGTGACGAGCCCGGAAC TAGTCCCCAGGACCTGTGGCAGCCAAGGCATGGCT
 GATCACGGCCCGCAGCCTCTACCCGGCCGACTTCAACATCCAGTATGAAATGTACACCATCGAACGGAAT
 GCCGAGAGGACTGCCACCGCAGGGAGGTTGCTGTATGACATGTTTGTGAATTTCCCGACCAAGCCGTGG
 TTTGGAGAGAAATCAGCATCATCAGTCAGCGTTGAGGAACGACTCACAAGATAAGCAGACCCAATTCTT
 ACGGAGTTTATTTGAAACCTTCCCGGTGGGTCCAGTGTGAAATGTTGTTGAAGGTGACAGAGCAATGC
 TTCAACACGCTGGAACGATCAGAAATGTTGCTGCTGCTGCTGAGGCGTTTCCCTGAGACGGTGGTGCAAC
 ACGGGGTTGGTCTCGGGGAGGCCCTGCTGGAAGCTGAAACATTGAAGAACAAGACTCTCCTGTTAACTG
 CTTTAGAAAGCTATTTGTTGTGATGTCCTTCTCTAATAATCAACAACCATGATGTCGCTTGGCCGCC
 AATCTCTTATATAAATACTTGAACAAAGCAGCTGAATTTTACATCAACTATGTCACTCGGTCCACACAGT
 CAGAAATCAGCATCAAGGTGCACAGGATACATCTGATTTAATGTGCGCTAGCAAGCGTAGCTCTCAGAA
 GTACATAATAGAAGGACTGACTGAGAAATCATCCACATCGTCGACCCCTGGGAGAGGTTGTTTAAGATT
 CTGAATGTTGTTGGAATGAGATGCGAATGCGAGATGGATAAAGGGAGACGAAGCTGCAGTGACCTGCTGC
 ACCGGATGAAGGAGCTCTGCAGATACATGAACAGCTTTGACAGCGAAGCTCACACCAACTATAAAAAACCA
 AGTGCTCTACTCCACGATGCTGGTGTCTTCAAGAGTGC GTTCCAGTACGTCAGCAGCATACAGCCATCT
 CTCTTCCAAGGTCCTAACGCCCAAGCCAGGTTCCACTAGTCTTCTGGAAGATGTAGCCAATGTGTATG
 GTGATGTAGAGATTGATCGCAGTAAACACATACACAAGAAGAGGAAGCTAGCTGAGGGAAGAGAAAAAC
 CATGAGTTCAGATGACGAAGAGTGTTCAGCGAAAGGCAGAAACCGGCACATTGTTGTGACGAAAGCTGAC
 CTCAGCAACTCCATCGAAGTACTGGAGAGCTTCAAACCTGGCCAGGGAGAGCTGGGAGTTACTCTACTCTC
 TGGAATTCCTTGACAAAGAATTTACAAGAATTTGCTTGGCTTGGAAGACAGACACCTGGCTGTGGCTAAG
 AATCTTCTCACAGATATGATCATCTACCAGGGTCAATATAAGAAGGCCATAGCCAGTCTGCATCACTTA
 GCAGCTCTGCAAGGATCCCTTTCTCAGCCACAGATCACAGGACAGGGGACTTTAGAACCAGAGGGGCGC
 TCATCCAGCTGGCAACGTGTCACTTTGCTCTGGGGGAGTACAGAATGACGTGCGAGAAAGTCTTAGATCT
 GATGTGTTACATGGTGTCTCCCATACAAGATGGCGGAAGCCACAGGAAGAGCCGTCCAAGTAAAGCCC
 AAGGTAGAAAAGGTTTGGATCTGAAGCTTCTGCCCTGTACCAGTAAGGCTATCATGCCATACTGCCTGC
 ACTTGATGCTGGCTGCTTTAAGCTGAGAGCTTTTACAGACAGCAGAGACGACATGGCGCTGGGCCATGT
 GATTGTACTGCTCCAGCAGGAGTGGCCACGGGGAGAGAACCTTTTCTGAAAGCCATCAGTAAGATTGTC
 CAGCAAGGAAATTTCCAGTATGAGAACTTCTTCACTATGTTACAAACATTGATATGCTGGAGGAATTTG
 CTTATTTAAGAACCCTAAGAAGGAGGGAAGATTCATCTGGAATTACTCCCAATCAAGGAATGCTGATCAA
 GCACCACACAGTCACTCGAGGCATACCAAAGGTGTGAAGGAGGACTTCCGCTGGCCATGGAGCGCCAG
 GTCTCCCGCTGTGGTGAGAACCTGATGGCGGTACTACATCGCTTCTGCATTAATGAGAAGATCTTGCTCC
 TGCAGACTCTGACCTGATAGACCTCTGGCCACAGCGGCTCAGCCATGACAAGCGCTGCCAGACAGGG
 CTGATGAAGAAGAAAAACCAAGTTCTAACTCCCTTAGTTGCTTAAAAGTCAATCCGAAGAGTATAGGA
 AGTTATTTCTATTTTAAAGACTTCAGGTTTTTTTAGTTTGTACAAAACAAGAGTCAATCCATTTTGTAAA
 TAAAAACCCGAAAGATTAATAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027590

Insert Size: 2133 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC031923 , AAH31923
RefSeq Size:	2424 bp
RefSeq ORF:	2133 bp
Locus ID:	70885
UniProt ID:	Q8K2A7
Cytogenetics:	8 B3.3
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. May be not involved in the recruitment of cytoplasmic dynein to the nuclear envelope by different components of the INT complex.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.