

Product datasheet for **RN203634**

Ints11 (NM_001033892) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints11 (NM_001033892) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ints11
Synonyms:	Cpsf3l; int11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203634 representing NM_001033892
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGCCTGAAATTAGGGTCACTCCCTTGGGGCTGGCCAGGATGTAGCCCGCAGCTGTATCTTAGTCT
CCATTTTCGGGCAAGAATGTCATGTTGGACTGTGGGATGCACATGGGCTACAATGATGACAGGCGCTTCC
TGACTTTTCTTACATCACCCAGAGTGGCCGTCTGACTGACTTTCTGGACTGTGTAATCATCAGCCACTTC
CACCTGGACCACTGTGGGGCACTCCCTACTTCACTGAAATGGTGGGCTACGATGGGCCATCTATATGA
CCCACCTACCCAGGCCATCTGCCCATCTGTTGGAAGACTACCGCAAGATCGCAGTGGACAAGAAGGG
CGAGGCCAACTTCTTCACTTCTCAGATGATCAAAGACTGCATGAAGAAGGTGGTGGCTGTCACTTGAC
CAGACAGTTCAGGTGGATGATGAACTGGAAATCAAGGCGTACTATGCAGGCCATGTGTTGGGGCAGCCA
TGTTCCAGATTAAGTGGGCTCAGAGTCTGTGGTCTACACGGGTGATTAAACATGACTCCAGACCGGCA
TTTGGGGGCTGCTTGATTGACAAGTGTGTCACCACTGCTCATCACAGAGTCCACATATGCCACAACC
ATCCGAGATCCAAACGCTGCAGAGAGCGAGACTTCTGAAGAAAGTTTATGAGACTGTGGAGCGTGGCG
GAAAGGTGCTGATCCCTGTGTTTGCCTGGGCCGAGCACAAAGAACTCTGCATCCTGCTGGAGACCTTCTG
GGAGCGCATGAACCTGAAGGTGCCATCTACTTCTACGGGCTGACAGAGAAAGCCAACCATTATTAC
AAGCTTTCATCACCTGGACCAACCAGAAGATCCGGAAGACATTTGTCCAGAGGAACATGTTTGAGTTTA
AGCACATCAAAGCCTTTGACCGGACATTTGCTGACAACCCAGGACCCATGGTTGTATTTGCTACACCTGG
GATGCTGCACGCTGGCCAATCCCTGCAGATCTCCGAAAATGGGCAGGAAATGAGAAGAACATGGTCATC
ATGCCTGGCTACTGTGTCAAGGTACTGTGGGCCACAAGATCCTTAGTGGCAACGCAAGCTGAAATGG
AAGGGCGTCAGATGCTGGAGGTAAGATGCAAGTGGAGTACATGTCCTTCAGTGCCACGCGGACGCCAA
GGGCATCATGCAGCTGGTGGGGCAGGCAGAGCCGAGAGTGTGCTGCTGGTGCATGGCGAGGCCAAGAAG
ATGGAGTTCCTGAGGCAGAAGATTGAGCAGGAATTCGGGTCAGCTGCTACATGCCAGCCAACGGTGAGA
CAGTGACGCTGCCACAAGCCCCAGCATCCCTGTGGGCATCTCCCTCGGACTGCTGAAGCGCGAGATGGT
ACAGGGACTGTTGCCTGAAGCCAAAAAACCCTAGGCTTTTACATGGCACCCTAATTATGAAAGACAATAAT
TTCCGGCTGGTATCCTCGGAGCAAGCCCTCAAGGAGTTGGGCCTGGCCGAACACCAACTGCGCTTCACT
GTCGTGTGCACCTGCAGGACACACGCAAGAACAAGAAACAGCCCTACGTGTGTACAGCCATCTCAAGAG
CACCTCAAGGACCACTGTGTACAGCATCTCCCGATGGCTCTGTGACCGTGGAGTCCATTCTTATCCAA
GCTGCTGCCCACTCAGAGGATCCTGGTACTAAAGTCTTCTGGTCTCCTGGACTTACCAAGATGAGGAGC
TGGGAAGCTTTCTCACAGCATTGCTCAAAAATGGCCTTCCCAGGCTCCCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033892

Insert Size: 1806 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_001033892.2](#), [NP_001029064.2](#)

RefSeq Size: 2036 bp

RefSeq ORF: 1806 bp

Locus ID: 298688

UniProt ID: [Q3MHC2](#)

Cytogenetics: 5q36

Gene Summary: Catalytic component of the Integrator 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 the snRNAs 3' cleavage. Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex.[UniProtKB/Swiss-Prot Function]