

Product datasheet for **RN205343**

Ints14 (NM_001007663) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints14 (NM_001007663) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ints14
Synonyms:	RGD1359616; Vwa9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205343 representing NM_001007663
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCACTGTGGTGGTAATGGATGTATCCCTGTCTATGACCCGACCCGTGTCTGTGCGAGGGTCTGAAG
 AGTACCAGCGGAAGCACCTGGCTGCCCATGGCCTGACCATGCTGTTTGAACACATGGCCACCACTACAA
 GCTTGAGTTTACAGCGCTGGTGGTGTTCATCACTATGGGAGCTGATGGTCCCTTTACGAGAGATTAC
 AACACTCTGCAGGAAGCACTGAGTAACATGGATGATTATGACAAAACCTGCCTGGAGTCTGCATTAGTCG
 GTGTTTGAATATTGTCCAACAAGAATGGGGTGGAGCAATTCCTTGCCAGGTTGTTCTGGTACTGATGG
 CTGTCTTGGCATTGGCAGAGGGTCACTGCGGCACTCCCTTGCCACTCAGAATCAGAGAAGTGAGAGCAGC
 AGGTTCCCGCTCCCTTTCTTTCCCATCGAAGCTATATGTCATGTGCATGGCCAACTGGAGGAGCTTC
 AGAGCACTGACTCCTTGAATGCCTTGAACGACTCATAGACTTAAATAATGGTGAAGGGCAAATTTTAC
 TATTGATGGCCCCCTGTGTTTAAAAATGTACAGTCTATGTTTGGAAAGCTGATAGACCTGGCGTACACA
 CCTTTCCATGCTGCTCTCAAGTGTGGCCACCTAACAGCTGATGTACAAGTCTTCCCTAGGCCAGAACCTT
 TCGTTATAGATGAAGAAATTGATCCCATCCCTAAAGTCATTAACACAGATTTGGAATAGTGGGCTTTAT
 TGACATAGCTGATATTTCCAGCCCTCCAGTTTGTCCAGGCATTTGGTCTTGCCCATAGCACTCAACAAA
 GAAGGTGACGAGGTGGTGTGCTGGCATCACTGATGACAATGAAGATGAGAATTCAGCCAATCAGATTGCTG
 GCAAAATACCAACTTCTGTGCTCTGCTCCATGGCAGCCTAAAGGTGGAAGGAATGGTGGCACTTGTTC
 ACTAGGTCCTGAATGGCATGGTATGCTCTACTCCCAAGCTGACAGCAAGAAGAAATCAAACCTCATGATG
 TCTCTCTTTGAGCCTGGCCAGAACCTCTCCCATGGCTTGGGAAAATGGCACAGTTGGGGCCCATTTTCA
 ATGCTAAAGAAAACCTTATGGGGAGGACGACAACAAGAGCCCATTCCTGTCAGCCCAAAAACAAACG
 AAGTTATGCCCAGAATGTGACTGTCTGGATCAAGCCAGCGGCCCTGCAGACAGATGTACAGAAGATCTTA
 AGAAATGCAAGGAAGCTCCCTGAGAAAACACAGACATTCTATAAGGAGCTGAACAGGCTACGAAAGGCTG
 CCTTAGCCTTTGGTTTCTGGACCTGCTTAAAGGGGTGGCCGACATGCTGGAGAGGGAGTGCACCTGCT
 GCCTGACACAGCCACCCAGACGCGGCTTCCAGCTTACCCACGCTGCCAGCAGCTCAAGCTGGCCAGC
 ACTGAGTATGCTGTATATGACCTCAACATCACACCCCTGCACACAGACTTCTCAGGGAGCAGCACGGAAA
 GGATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001007663

Insert Size: 1548 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:	<u>NM_001007663.1, NP_001007664.1</u>
RefSeq Size:	2306 bp
RefSeq ORF:	1548 bp
Locus ID:	300782
UniProt ID:	<u>Q66H58</u>
Cytogenetics:	8q24
Gene Summary:	Probable 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. [UniProtKB/Swiss-Prot Function]