

Product datasheet for **RN217541**

Ints2 (NM_001100630) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints2 (NM_001100630) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ints2
Synonyms:	RGD1305547
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217541 representing NM_001100630 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGATGCCTGAGTGCACAAGCCTTCAGTTTGTGAGCCCTTGTGCTTTGAAGCCATGCAGAAGGTGGACG
TCGTTTCGCTGGCATCTTAAGTGATCCAGAACTAAGACTTCTCTTGCCTGCTTGGTGAGGATGGCTCT
TTGTGCTCCTGCCGACCAGAGCCAAAGCTGGGCTCAGGATAAAAACTTATACTTCGCTTCTGTCTGGA
GTGGAAGCTGTCAACTCCATTGTTGCACTGCTGTCTGTGGAAGTCCACGCCCTGGAACAAGATGCCAGCA
AAGAACAACAGCTCAGGCATAAACTTGGAGGAGGCAGTGGAGAGAGCATCCTGGTATCACAGCTTCAGCA
TGGACTGACTCTAGAATTTGAACACAGTGATTCCCTCGTCGATTGCGGCTTGTGCTGAGTGAATTGTTG
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CCGGGGCATGGTGGTGAAGAATGTCACTTGCCAGGCCTTGGGGTAGCTTTGACATTGGATCATACAAA
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CGTATTGTGGAGGAAGCCGATGTGGAGATGGAGCCTACTGTGCGGTGTAAGCGGGCTGAAAGAAGAGC
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TTAGTCTGCTCCACTTTGGGGATGAAGATCGTGATTAAGCCAAGCTCCTTGAGCAGGATGAAGACCATCT
TCACACAGGAGATCTTTACAGAGCAGGTTGTCACAGCCCATGCACTGCGAGTTCTGTGTCACCAGCAACCT
GAGTGCCAATATTACTGGGTTTTGCCATTATTGTATTTACCAACTTCTCAGGAGTCGATCGTTTACC
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CACAAACCAGCCGGTCACTGAGCAGGAGATACTCAACATCTTCCAGGAAGTCATCGGGGGTGACAGCGTC
CGCCTTAACCAGCGCTTCAGCATCACAGCGCAGCTTCTGGTGCTCTATTATATCCTGTCTTACGAGGAAG
CTCTCCTGGCAAACACAAAGACGTTAGCATCCATGCAGAGGAAGCCCAAGTCGTATTCTTCTTCTAAT
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TCAGCTTTACTCCGTCTTCTAGCAACTAATTACCCCCATTTGTGTATCGTGGATGACTGGATCTGTGAGG
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GAAACAGCTGCAGGAAGCATTTTCAGCTGTCCCTGTAAGTCACACACAAGTGATGCAGATTATGGAGCAC
TTGACTCTACTTTCTGCCAGTGAGCTTATACCATATGCAGAAGTTTTAACGTCCAATATGAATCAGTTTC
TGAATTCTGGTGTCCACGGAGAATTCTCAAAGTGTCAACAAGTTATGGATGGTTCTTAATACTGTGAT
GCCAAGAAGGCTGTGGGTAAATGACGGTTAATGCACTCCAACCTTCCATAAAGTTTATACGACAACAGAAA
TATACCCAGAATGATTTGATGATAGATCCTCTCATTGTCTTGAGGTGTGACCGAAGGGTCCACAGGTGTC
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CCATCTGAAGGAAACAGCAGAGCAGGATAGACCTTCCCGAATAATACAGTAGGCTTGGTTGGACAGACT
GATGCCCCAGAAGTGACCAGAGAAGAACTGAAAAATGCATTACTGGCTGCTCAGGACAGTGCGGCTGTCC
AGATTCTCTTAGAGATTGTTTGCCTACTGAAGAGGAAAAGGCAAAGGCTGCCAATTGACACATCTCCCT
CAGGAACACTCAGGGTGTATTACCATTTGGCACCCCAATAAAGACACAGAAGAAGGAGAAGACAGTTTG
CTTTGCAACCTTCGAGAAGTTTCACTGCTTATCTGTTGCCTGTTGCACCAATGTACATTGCTGATCCCA
ACATTGCTAAACTTGTTCATTTTCAGGGCTATCCATGTGAACCTTCTGCCTCTAACAGTCGAGGGATCCC
ATCTATGCACATCTGTTTGGACTTCATACCGGAGCTTATTGCCAGCCGGAACCTGAAAAACAGATATTT
GCTATACAGCTGCTTTCTCACTTGTGTATCCAGTATGCATTACCGAAGTACTAAGTGTGGCTCGCTTAG
CTGTCAATGTGATGGGACTTTGCTAACAGTTCTAACACAAGCTAAGCGCATTCTTTTTTCATGCCGAC
TCTTCCAAGTTTGGTCTCCTTTTCCGAGCATTTCCTCCACTGTATGAGGATGTTATGTCTTTGCTCGTT
CAAATAGGACAAGTGTGTGCTCTGATGTTGCCACTCAGACAAGAGACATTGATCCGATCATTACCCGTC
TTCAACAAATAAAGGAGAAACCTAGCGGATGGTCTCAAATTTATAAAGATGCATCTTACAAACATGGATC
CAGGGACACTGGAAGCATGGATCCTGATGTCCAGCTCTGTCATTGTATTGAAAGCACAGTAATTGAAATA
ATAAACATGAGTGTTAGTGGGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100630
Insert Size:	3597 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100630.2](#), [NP_001094100.2](#)

RefSeq Size: 5915 bp

RefSeq ORF: 3597 bp

Locus ID: 360589

Cytogenetics: 10q26