

Product datasheet for **MC220740**

Ints6 (BC058637) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints6 (BC058637) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ints6
Synonyms:	HDB, DICE1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC058637
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCATCTTACTGTTCTGATAGACAGTCTGCCTCTATGAACCAGCGCAGCCATCTGGCACCACT
 ACCTGGACACGGCCAAAGGCGCGGTAGAGACCTTCATGAAGCTCCGTGCCGGGACCCTGCCAGCAGAGG
 AGACAGGTATATGCTGGTCACTTTCGAAGAGCCGCCCTATGCTATCAAGGCTGGATGAAAAGAAAACCAT
 GCAACGTTTATGAATGAACTGAAAAACCTTCAGGCAGAAGGACTTACGACTCTTGGCCAATCCCTAAGGA
 CAGCTTTTGATTTGTTAAATTTAAATAGATTAGTAACTGGCATAGACAATATGGGCAGGGAAGAAAACCC
 CTTTTCTTGGAGCCAGCAATAATAATTACAATCACTGATGGGAGCAAGTTGACTACTACTAGTGGTGTC
 CAGGATGAGCTTCATTTACCTCTGAATTCGCCGTTGCCTGGAAGTGAATTGACCAAGGAACCTTTTCGTT
 GGGATCAGAGACTATTTGCTTTAGTGTGCGGTTGCCTGGCACCATGTCGGTGAATCAGAACAGTTGAC
 AGGTGTGCCCTTGGATGATTCTGCTATCACACCAATGTGTGAAGTACAGGAGGCCGGTCATACTCTGTA
 TGTCTCCAAGAATGCTTAATCAGTGTCTGGAATCCTTGGTGCAGAAAAGTACAAAGTGGGGTGGTAATAA
 ACTTTGAAAAGGCAGGACCAGATCCTCCCTGCTGAAGCAGAGGGGCAGCCAGATATATCAAGACCTTT
 TGGATCTCAGCCTTGGCATAGCTGTCAAGCTCATATATGTCAGACCAATCCTAAAACCTGGGGTTCCT
 ATAGGCCATTGGCCTGTCCAGAGTCTTTTGGCCAGATCAGAATTCCTCAACACTACCACCTCGTACAT
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 GTGATGTGAGCAATAGTCAAAGTATAATGAACCTGGCCATCCCTTTGGTTACTTGAAGCTAGTACAG
 CACTGACTGTCAACTTATTTGTGATGCCTTACAATTACCCAGTCTCCTTCTCTATTAGTACTGAT
 GTTCAAAGTGCACAAAGCAAACCAACTGAAAATGGAGACAGTCAATTTGAAAGTTATTTGAAGACAATG
 CCTCCCTACTATCTTGGGCCCTGAAGAAAGCTGTTAGAATGATGGGTGCACCTAATCTGATAGCAGACA
 GTATGGAGTATGGACTCAGTTACAGTGTCAATTCATACCTCAAAAAATTGAGTCAACAGGCCAAAAATTGA
 ATCTGATAGAGTCATCGGATCCGTAGGCAAAAAAGTAGTACAGGAACTGGAATTAAGTCCGAAGCCGG
 TCACATGGGTTGTCAATGGCGCATAGGAAAGGTTTTCAAGTGTGCAGGGTATTTGCGAGGATGTCCCC
 ACAGGTTGCTAGACCTTAATATGAAGGAGTACTGGGTTCCAGGTTGCTTTACTAAATAAGGATTTGAA
 GCCTCAGACCTTTAGAAACGCTTATGATATACCAAGACGGAACCTTCTGGATCATTAACAAGAATGAGA
 TCGAACCTTTTAAAGAGCACCCGCAATTTCTTAAAGGCCAGGATGAAGATCAAGTGCACAGTGTACCTA
 TAGCACAATGGGAATACCAGGAATACCTCAAGCAAGTACCTTCTCCATTGAGAGAATGATCCTGA
 TCAGCCTCGAAGGTTGCATACATTTGGCAATCCCTTTAAACTGGATAAAAAGGATGATGATAGATGAA
 GCAGATGAATTTGTGGCTGGACCTCAGAATAAACACAAGCGGCCTGGAGAGCCAAGCATGAAGGGATCC
 CAAAAAGACGCCGGTGTGCCTCTCCACTCTTGGAGGCGCAAGGCAGAGCCCTGCTGTGAACAGTACAT
 CGGAGGGAAGGACCACCTGCACCCATGACGCAAGCACAGCCAGAAGCCACTAATGATTCATAGTAGAT
 GATGTGGTTGAAAATCATGTTGCTGACCAACTTTCATCAGACATGACACCAATGCTATGGATACTGAAT
 TTTTAAACATCTCCCCCTAATCTTTTGAACCATCAACCAATCATACAGAGGCCCTTGGTCATGAACATTT
 AGGAAACAATGACCTCACTGTTGGTGGTTTTTAGAAAAATCATGAGGAGCCAAGAAAATAAAGAACAAAGT
 GCCGAAGAGAATATACCAGCATCTTCACTCAACAAGGAAAGAAATTTGATGCATTGTAGAAGCCATGAAG
 AGGTCAACACTGAACTAAAAGCACAATAATGAAAGAGATCAGAAAGCCAGGAAGAAAATATGAAAGAAT
 CTTACCTTACTGAAGCATGTGCAAGGCAGTTTACAAACAAGGCTAATATTCTTACAAAATGTCATTAAG
 GAAGCATCCAGGTTTAAAGAACGAATGCTAATAGAACTGGAGAACTTCTGGATGAAATTCATCGAA
 GAGCCAATCAAATCAACCATATTAATAGCAATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: BC058637

Insert Size:	2625 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:	<ol style="list-style-type: none">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:	BC058637
RefSeq Size:	4125 bp
RefSeq ORF:	2624 bp
Locus ID:	18130
Cytogenetics:	14 D1
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. Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex. [UniProtKB/Swiss-Prot Function]