

## Product datasheet for **MC222371**

### **Ints6 (NM\_008715) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ints6 (NM_008715) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ints6
Synonyms:	2900075H24Rik; AI480962; Ddx26; DICE1; HDB; Notch2I
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222371 representing NM\_008715  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCATCTTACTGTTCTGATAGACAGTCTGCCTCTATGAACCAGCGCAGCCATCTGGCACCACCT  
 ACCTGGACACGGCCAAAGGCGCGGTAGAGACCTTCATGAAGCTCCGTGCCCGGGACCCTGCCAGCAGAGG  
 AGACAGGTATATGCTGGTCACTTTCGAAGAGCCGCCCTATGCTATCAAGGCTGGATGAAAAGAAAACCAT  
 GCAACGTTTATGAATGAACTGAAAAACCTTCAGGCAGAAGGACTTACGACTCTTGGCCAATCCCTAAGGA  
 CAGCTTTTGATTTGTTAAATTTAAATAGATTAGTAACTGGCATAGACAATATGGGCAGGGAAGAAAACCC  
 CTTTTCTTGGAGCCAGCAATAATAATTACAATCACTGATGGGAGCAAGTTGACTACTACTAGTGGTGTC  
 CAGGATGAGCTTCATTTACCTCTGAATTCGCCGTTGCCTGGAAGTGAATTGACCAAGGAACCTTTTCGTT  
 GGGATCAGAGACTATTTGCTTTAGTGTGCGGTTGCCTGGCACCATGTCGGTGAATCAGAACAGTTGAC  
 AGGTGTGCCCTTGGATGATTCTGCTATCACACCAATGTGTGAAGTACAGGAGGCCGGTCACTACTCTGTA  
 TGTCTCCAAGAATGCTTAATCAGTGTCTGGAATCCTTGGTGCAGAAAAGTACAAAGTGGGGTGGTAATAA  
 ACTTTGAAAAGGCAGGACCAGATCCTCCCCCTGCTGAAGAGGGGAGCCAGATATATCAAGACCTTTTGG  
 ATCTCAGCCTTGGCATAGCTGTCAAGCTCATATATGTCAGACCAAATCCTAAAACCTGGGGTTCCTATA  
 GGCCATTGGCCTGTTCCAGAGCTTTTTGGCCAGATCAGAATTCCTCAACACTACCACCTCGTACATCTC  
 ATCCTGTAGTGAAGTTTTCTGTACAGACTGTGAGCCAATGGTTATTGACAAATTCCTTTTGACAAATA  
 TGAGTTGGAACCTTCACCACTGACTCAGTTTATTCTAGAAAGGAAATCTCCTCAAACGTGTTGGCAGGTG  
 TATGTGAGCAATAGTGCAAAGTATAATGAACTGGCCATCCCTTTGGTTACTTGAAAGTACTAGTACAGCAC  
 TGACCTGTGCAACTTATTGTGATGCCTTACAATTACCCAGTCCCTCCTCTATTAGATGTTGTT  
 CAAAGTGCACAAAAGCAAACCAACTCTGAAATGGAGACAGTCATTTGAAAGTTATTTGAAGACAATGCC  
 CCTACTATCTTGGGCCCTGAAGAAAGCTGTTAGAATGATGGGTGCACCTAATCTGATAGCAGACAGTA  
 TGGAGTATGGACTCAGTTACAGTGTCAATTCATACCTCAAAAAATTGAGTCAACAGGCCAAAAATTGAATC  
 TGATAGAGTATCGGATCCGTAGGCAAAAAAGTAGTACAGGAACTGGAATTAAGTCCGAAGCCGGTCA  
 CATGGGTTGTCAATGGCGCATAGGAAAGGTTTTCAAGTGTGAGGGTATTTCCGAGGATGTCCCCACA  
 GGTGCTAGACCTTAATATGAAGGAGTACACTGGGTTCCAGGTTGCTTTACTAAATAAGGATTTGAAGCC  
 TCAGACCTTTAGAAACGCTTATGATATACCAAGACGGAACCTTCTGGATCATTTAACAAGATGAGATCG  
 AACCTTTTAAAGAGCACCCGCAAATTTCTTAAAGGCCAGGATGAAGATCAAGTGCACAGTGTACCTATAG  
 CACAAATGGGGAATTACCAGGAATACCTCAAGCAAGTACCTTCTCCATTGAGAGAATTGATCCTGATCA  
 GCCTCGAAGGTTGCATACATTTGGCAATCCCTTAAACTGGATAAAAAGGGTATGATGATAGATGAAGCA  
 GATGAATTTGTGGCTGGACCTCAGAATAAACACAAAGCGGCTGGAGAGCCAAGCATGCAAGGGATCCCAA  
 AAAGACGCCGGTGTGCCTCTCCACTCTTGGAGGCCGAAGGCAGAGCCCTGCTGTGAACAGTACATCGG  
 AGGGAAGGACCCTGCACCCATGACGCAAGCACAGCCAGGTCTTATTAACCCCTTCTCTGCATAAA  
 GAAGCCACTAATGATTCAATAGTAGATGATGTGGTTGAAAATCATGTTGCTGACCAACTTTCATCAGACA  
 TGACACCAAAATGCTATGGATACTGAATTTTAAACATCTCCCCCTAATCTTTTGAACCATCAACCAATCA  
 TACAGAGGCCCTTGGTTCATGAACATTTAGGAAACAATGACCTCACTGTTGGTGGGTTTTTAGAAAAATCAT  
 GAGGAGCCAAGAAAATAAAGAACAAGTGCAGGAGGAAGTATACCAGCATCTTCACTCAACAAAGGAAAGA  
 AATTGATGCATTGTAGAAGCCATGAAGAGGTCAACACTGAACTAAAAGCACAATAATGAAAGAGATCAG  
 AAAGCCAGGAAGAAAATATGAAAGAATCTTACCTTACTGAAGCATGTGCAAGGCAGTTTACAAACAAGG  
 CTAATATTCTTACAAAATGTCATTAAGGAAGCATCCAGGTTTAAAGAAACGAATGCTAATAGAACAAGG  
 AGAACTTCTGGATGAAATTCATCGAAGAGCCAATCAAATCAACCATATTAATAGCAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_008715

<b>Insert Size:</b>	2652 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_008715.2</a> , <a href="#">NP_032741.2</a>
<b>RefSeq Size:</b>	5019 bp
<b>RefSeq ORF:</b>	2652 bp
<b>Locus ID:</b>	18130
<b>UniProt ID:</b>	<a href="#">Q6PCM2</a>
<b>Cytogenetics:</b>	14 D1
<b>Gene Summary:</b>	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]