

## Product datasheet for **MC201226**

### Isy1 (NM\_133934) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Isy1 (NM\_133934) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Isy1  
**Synonyms:** 5830446M03Rik; A1181014; AU020769  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC020103 sequence for NM\_133934  
 CCGCGTCTGCCTGCCTTGTCCGGGCGCCTGAGCACGTTGCGTTGCAGAGCGGCGCCAGGGCGCCCTCGC  
 CGGCACCATGGCCCGAAATGCAGAAAAAGCCATGACTGCCCTGGCGAGGTTTCGTC AAGCTCAGCTGGAA  
 GAGGGAAAAGTCAAGGAACGGAGACCCTTCCTTGTCTTCTGAATGTAAGTTGCCGAAAAGCGGAGAAGT  
 GGAGACGGCAGATCATTGGCGAGATCTCAAAAAAGTTGCTCAGATTCAGAATGCTGGCTTAGGGGAATT  
 CCGAATTCGGGACCTGAATGACGAAATTAACAAGCTGCTGAGGGAGAAAGGACACTGGGAGTCCGCATC  
 AAGGAGCTGGGCGGTCTGATTATGGAAAAGTTGGCCCCAAGATGCTGGATCATGAAGGTAAAGAAGTCC  
 CAGGAAATCGAGGTTACAAGTACTTTGGGGCAGCAAAAGATTTGCCTGGTGTGAGAGACTATTTGAGAA  
 AGAACCCCTTCCTCCTCCAGAAAGACACGTGCTGAGCTCATGAAGGCCATCGATTTTGAGTACTATGGT  
 TACCTGGATGAAGATGATGGAGTTATTGTGCCCTTGAACAAGAGTATGAGAAGAACTCAGAGCTGAGC  
 TGGTGGAAAAATGGAAGGCAGAGAGAGAAGCTCGGCTGGCAAGGGGAGAAAAGGAAGAGGAGGAGGAGGA  
 GGAAGAGGAGATCAACATCTATGCTGTCACGGAGGAGGAGTCTGATGAGGAAGGCAACCAGGAGAAGGCC  
 GGGGAAGATGGTCAGCAGAAAGTTCAATTGCTCATGTGCCGGTGCCATCTCAGCAGGAGATTGAGGAGCGC  
 TTGTACGGAGGAAGAAAATGGAAGTCTCCAGAAAATATGCAAGTGAAGCCTGCAGGCACAGAGTGAAGA  
 AGCCAAGCGACTCCTGGGGTACTAGGCCAGCCAGAGCCCTTCTTGAAGTCTGGAAGACCTGGTGGGTGT  
 GCTTGGTACACCATGGCAGCCATCCTCATAGCTGCCCTGGGCTGTGGCTAGGCTGCCTGGCGCTGGAAG  
 GCCTGTGCCTTTCTCACCTTCAGCTTACCTCCATTTCTGGAATGTGAGCTGGCTGATAGTAGGGCCCT  
 GTCCCTCCCAGGAAGCTGCCAGGTAATGCTTTAGTAGCCATCGCCTTTGTACAGATGCCTTTGCT  
 ACCGTGTGCATCCATTTCTTTGCTTTGGAATGTGAAAATCTGTTCTCTGAAAATTTACTTTGCCCTA  
 TACTCTGCTTTTGGGAATCAAGAAGGATCAAAGTCTAGTCAAAATTTTCAAAAATACATAATTTTTATTCA  
 AATCACAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_133934  
**Insert Size:** 858 bp



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<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>	<u><a href="#">BC020103</a></u> , <u><a href="#">AAH20103</a></u>
<b>RefSeq Size:</b>	1352 bp
<b>RefSeq ORF:</b>	858 bp
<b>Locus ID:</b>	57905
<b>UniProt ID:</b>	<u><a href="#">Q69ZQ2</a></u>
<b>Cytogenetics:</b>	6 D1
<b>Gene Summary:</b>	Involved in pre-mRNA splicing as component of the spliceosome.[UniProtKB/Swiss-Prot Function]