

## Product datasheet for **MC221263**

### **Fndc7 (NM\_177091) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fndc7 (NM_177091) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fndc7
Synonyms:	E230011A21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221263 representing NM\_177091  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGGAAGACCTGAGAAGTGTTTTTCTTTGATTAGATTCACTCTCCTCTGTCTGAAAATGGTTATTT  
 CATCTAAAACAGCTCCTGAAATACCAACTATTGATCAGGCCTATTCAAAAATCAGCAATAGTATCACCGT  
 AGAATGGACTACCGTGCCAGGGGCCACAAGTTACTTGCTCACAGCTGAAGATGGGAACACAATCATTGAG  
 ACCACAGTGGCTAATCCCCAGGGACGGTGACAGGCCTGAAGGCTGCAACCTTGTACCAATCACCATCA  
 GATCCATCAGCGCCTCTGGACAAAGCCAGGCATCATCTCAAAGCAGGCAAGACAGTGTGGCTGCCCC  
 AGTTCTGGAGGTAGCTCTCAAGTCCAGACTCAATCCTTGTGAGCTGGGACGCCGTATACATGGCGATC  
 GGATTCTCCGTGTCTGTTATGCGAGCCAACGGCTTGGTAGAATTTGAAAGAGAATACTACAAACCT  
 CCCTGACCTTCAGCAGTCTGGATGCCGAACTCTTACACTATAAAGGCCTACGCGTGGAAATGCCAATGG  
 AATCCCGGGGATGACTCCACCCGCAATCAGAGAACCAGTCTCGTGGCCCTGCCAACATTCAAGTCTTC  
 TTTGACAGCGGGGCCCTAAAGGCGTCTGTTCTGTGGACCCGACAGAAGGAGCGTTCAACTACACTGTGG  
 TGGCATCGAGTGATTCTCCAGCGCAGCTGCAGCACCCTCTCAGCTCCTGTAGCATTAGTTCCCTTGCA  
 GTGTGGAACAGAGTACCTGATTTCTGTCTCAGCAAATAACGATGCTGGTCCAGCAAGTCTGCTCTGCA  
 CCAACCTGAAGACTGTTGCTTGTGCACCTGGAAGGGTATGATCCAGGAAGAGCCCCCTGGTCACTTGT  
 CTGTGGCTTGGTCCAATGTGGAGCTGGGTGACTATTATGTGGCTTTCGTGAAGAGTATGACGGCTTGA  
 GGTACTGCAATACCTCCCTCACCCAGTCAACTTCTGTCTGAGTGTGGCTTACGTACTTCAATAGT  
 GTGTTGCTATAACAAGGCAGGGCAGAGTCTCTGGGCGATGATTCAATTACACTACAGCTCCGTGTT  
 TGCTTAATGACATTAGCCAGTGTGGTGTCCAGTGACAGGGTGGAAATGCTGCTCTCCTGTGGTGG  
 TGCTGAACTCTATGAAACCAAGGCCATAGCTGGGTATAGCATTGTGGAGTGAACGACACCCGCTCCTGCT  
 TGCACCTCTCTGCCTTGGATTGTGACACCAAGTACAACGTCACAGTGTATTCTTCAGTGAGGTCGAG  
 GCAGCAATCTGTCATGCTCTTCCCACTTTATCACCACAGCTCCTTGCAGTCTGAAATAAAAAATATTTT  
 GAAGGATGCATTCTCCATGATCAATGTGCACTGGCGGTCGACTAATGAAGGCGCCACTTACACGGTGACG  
 GCCCAGGGCAAGAAGGGGCTGTTCCAGTGCAGCAGCACCGGGGAGACCTGCAGGATGGGGGCTGCCCT  
 GCGGCTCCATGTTCTCTGTCACCTGCTGTGGCCGAGACTCAGGCGGAAAGAGCCTGCCCAGCTACAGCGT  
 GCCCTGGAAACAGTCCCTGCTGTCCAGCTGGTCTGACAGCAGCTCAGGTCAACAGTCTATAATCAAC  
 GTGAGCTGGACTGCTGGGCGAGTGGCTCAAACCTATGCTGCAGTCTGGAGTCAACATCGGACAGTCTA  
 AGTGTCACACCCATCAAACCACTGCCTTCTGGGATGCATCACATGTGGCATCAACTACACGGTGGCGTT  
 AAAAGCCATTAGTTCACGGGACTGACTGCAGATTGTGCCTATCAAAGTACTCTTCTAGTGTCTGTTGC  
 CCACTGGGGTCAAATTATAGGCTGGGCCCTAATGGCATCCGGATCTACTGGCGAGCCTCCAGGGGCG  
 CTGCCAATTATAGCACCAGCTCTATGGTTCCAAAGGCATCTTACATGTGCCCCACATGCCGCTAAG  
 TTTCTGTGACATACCAACATCCCTGTGGGGACGTTTACACCGTGTGGTCTCACCAGTTGCTGAAACA  
 GGACTGAAGCTTACTTTCTGCCAAAAAAAATACTCAGTTACCTGTTCTGGCAGTACTCTTGAATGG  
 TGATTTACAGAGGAAGAGGAACGATACAGCGAGCCCCAGG**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_177091

**Insert Size:** 2214 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).

<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="#">NM_177091.5</a></u> , <u><a href="#">NP_796065.2</a></u>
<b>RefSeq Size:</b>	5122 bp
<b>RefSeq ORF:</b>	2214 bp
<b>Locus ID:</b>	320181
<b>UniProt ID:</b>	<u><a href="#">A2AED3</a></u>
<b>Cytogenetics:</b>	3 F3