

## Product datasheet for **MC221737**

### **D3Ertd254e (NM\_001101478) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	D3Ertd254e (NM_001101478) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	D3Ertd254e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221737 representing NM\_001101478  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAACAGTTGACCTTCAGGGATGTGGCCATTGATTTTTCTGGAGAGGAATGGGAGTGTCTGGATTCTG  
 AGCAGCAGAATTTGTATACAGATGTGATGTTGGAAAACATAGGAACCTGTTTTCTGGGTCTTGCTGT  
 GTCTAAGCCATACCTGGTTACCTGTCTGGAGCAAAGAAAAGAGCCCTGGAATGTAAGACGCAAAAAGACC  
 ATGGCCGTGTTCCAGCCATGTTTTCTCATCATAGCCAAGACTTTTCACCAGAGCAGAACATAAAGTATT  
 CATTCCAGGAACCTCATCTGTGGACCTCGTGACAGTGTGGCTTTGACGCTTTGTACTTCCAGGAGAAAAG  
 GGACTGTGTTGAGGAGGGTGACATCCTGAGAACCTGCTATAACGGGCACAACCCATTTCTGACAGCTGGC  
 AACAGCAAAAAGCTTTACTCCCAGGAGAGATCGGGCACAAGAGATGGCTCACAAAAACCCCTCAGGTGACAC  
 CAGTTACTTGTGAGGAGCCGTGCGCTTCAGTCATTAACAGCAGAGTCAGTTTTTGAAGCAGACCCCTTC  
 TTTCAAAGATAATTTGGAAAATCCACAGAGGGTCTAGTTAATTCCTCAACTACCGACTTCAACAATTTTC  
 AAGTGTAGCTTTGGGCTGAGCTTTCATTCAAACATTTTTGTAGATGGGGAACCTAAAAATGAAGGAAAAC  
 ATTCTAAATGTAATCAATTTGAGAACTCCATCATGAAAAATTCGTTAGTATATAATCAACAAATAGGTCT  
 TCCATGTGCCAAAACACAGAATCCCATAAAGTATGGCAGATTTTTTTCACATCCGGTATCACTGAACCAA  
 AATTCGAGTACAGATATTTTGGAAATTCAGTATATATGTAAGAAAAATAGGAAGGCCCTCACTGAGGAGT  
 CCAGCTTAAGTAATCTTCAGGACGTGTATATCGGAGAGACAGTTTATGAGGGTAATGAAAATAATAGTGA  
 CTTAAACCAAGAGTCAAATCCTGCCAGTCATCAGTCTGCTCAATTGTACAAATGTTACAAATGTGACACA  
 GTCTTTTCATCAGTACTCGAACTTATTATCCATCAGTACATCCATTTCAAGATCAGATTTCCAAGGATA  
 TGGATTGCGACACAGCTTTCAGTCAAAGTTCAAGCCTTACGAGAAGTCAAGCTGGAGAAAAACCCCTACAA  
 ATGTAAGGAATGCGGCAAAGCCTTTACCTACTGTTCAAGCCTTAGGCAACATCATAGAATTCATCTTGGA  
 GTCAAACAGCACAAATGTAAGACTGTGGCAAAGCCTTCTACCATAAATCACTCCTCACGCAACACCAGA  
 GCATCCACGCTGGAAAGAAAACCTACTGCTGTAATTTTTGTGGCAAAGCTTTCAATCAAAGATCGACTGT  
 TACTCAGCACCAGAGAATCCACACTGGAGAGAGGCCCTACCATTGTAAGATTGCGGCAAAGCATTTCAT  
 CAAAGATCGAGCCTTAGTCTGCACCAGAGATTCATACGGGAGAAAAGCCCTACAAATGCAAAGACTGCG  
 GCAAAGCCTTCAACCGCAACTCACTCCTCACTCAGCACCAGAGAATTCACACTGGAGAGAGGCCCTACCA  
 TTGTAAGACTGTGGCAAACCTTTTAATAAAAAAGTCAAGCCTTACTCAACACCAGAGAATCCATACTGGA  
 GAGAAGCCCTATCTTGTAAAGACTGTGGCAAAGCTTTTAATCAAAGATCAAGCCTCAGCCTACACCAGA  
 GAGGCCATACTGGGAGAAAACCAATAAATGTAATGAATGTGGCAAAGCCTTTAACCGTGTATTTTTCTCT  
 TACTCAACATCAGAAAATTCATACTGGAGAGAAGGCTTACCCTGTAAGACTGTGGCAAAGCATTAAAG  
 CAGAGGTCAGCCTTACTCAGCACCAGAGGGTACACACTGGAGACAAGCCCTATCATTGTAAGCACTGTG  
 GCAAAGCTTTTACCCAGAGGTCCAGCTTACACGACACCAGAGGATCCACACTGGAGAGAAGCCCTACAA  
 GTGTCAAGACTGTGACAAAAGCCTTACGCCGGAACTTACTTCTCATTCAACACCAGAGAATTCACACAGGA  
 GAGAAGCCTTACCATTGTCAAGATTGTGGCAGAGCGTTTAAATCAAAGGTCAAGCCTTACTCAACATCAGA  
 GGGTTCACACTGGGACAAGCCCTTCTGCTGTAAGACTGTGGCAAAGCCTTTTACCCAGAGGTCAAGCTT  
 TAATCGACACCAGAGAGTTCATACTGGAGAGAAGCCCTACAAATGTAAGAGTGTGATGGCGCCTTTAAA  
 TCCAGTTCCACCTTGCCGAACACCAGTGCACCTCATTAGGCAGCTGCTTTGAAGACACAAAATTTCTCC  
 AATATATATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001101478  
**Insert Size:** 2391 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>	<u><a href="#">NM_001101478.1</a></u> , <u><a href="#">NP_001094948.1</a></u>
<b>RefSeq Size:</b>	6625 bp
<b>RefSeq ORF:</b>	2391 bp
<b>Locus ID:</b>	241944
<b>Cytogenetics:</b>	3 17.41 cM