

Product datasheet for MC224407

D5ErtD579e (NM_001081232) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: D5ErtD579e (NM_001081232) Mouse Untagged Clone
Tag: Tag Free
Symbol: D5ErtD579e
Synonyms: 9030221A05Rik; A930018H20Rik; Kiaa0232
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224407 representing NM_001081232
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGCCCTGTCTGTACAGTTGTTGTGGATGGTTGCCATCTGAAAGCACCTCAAGTTCTTATCCAGGCC
 CTGTGTCTGTTTCTGACATGTCGCTGCTTCATGCATTGGGCCAGTGCAAACCTGGCTGGGACAAGAGCT
 GGAGAAATGTGGCATTGATGCCATGATTTATCCAGGTATATCCCTCAGTCTTCTGCTGCATGACAGCTAT
 GACTACGACCTGCAGGAACAGGAGAATGACATCTTGAGCTGGGAGAAAGGAGCTTATAAGAAATGGGGAA
 GGAGTAAGAAGAAGTGTCTGATCTAACCTGGAGGAGATGAAAAAGCAGGCTGCTGTCCAGTGTCTGCG
 CTCTGCTTCTGATGAAAGCTCTGGGATCGAGACTTTAGTAGAAGAGCTCTGCTGCAGACTGAAAGACCTA
 CAGAGCGAGCAAGAAGAGAAGATTACAAAAAGTTAGAAGGTTCTCCTTCTCCAGAGGAAGAATTGTCCC
 CTACAGCAAAAGATCAAGTGAAATGACTATGAAGCATTCCACCAGTGTCTGAGAAACCGGTTTGCCCT
 GCAAGAGATCATGACCGTGTGGAACAAGTCCAAACCCTGTTCTTACTCTAGCTCCTCGTCATCATCCACA
 GTCCCACCAGCAAGCACGGATACATCTTCTCAAAGGACTGCAACAGTGAGAGTGAAGCCGTGAGAGAGA
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 GCTGAGCAGTAGCACCATCGAAGAAAAGCCTGCCTTTTACAAAAGGCAGATCCGACACAAAACCTGAAGGG
 AAGACGCGCCCTCGCTCATGGTCTCTGCTCTAGTGAAGCAGGTTCAAGTTCAAGTGGTAAACCAAGGAG
 AGTAAAAGCATCCATGAAGTATGTTAAAGTCAGACACAAGGCACGAGAAATTCGAAACAGAAAAGGGCG
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 GGCAGCAGCAGCAGCAGCAATGGGTCCATCAGGCAGCTGTGCAAGCGGGGTAAAAGACCAGCAAAGG
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 GTACAAGGAAGAGCCCTGTGGTACACAGAGCCCATTGCTGAGTATTTTGTTCCTTTGAGTAGAAAAAGC
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 TGTTCTCTACCAGAGGACAATAAGTATCTGGATGATATTCATCTATCAGAATAACACACTTCTATGAAG



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TGGATATTGATCAATCCATGTTGGATCCTGGTGCCTCAGAAACAATGCAAGGAGAAAAGTCGGATTTTGAA
TATGATTTCGACAAAAAGCAAGGAGAATACAGATTTTGGGCAGAATGTTGCATAGTGTAGATGGTATG
GAGTTGCAAGGGGAACGTGCAATATGGACAGATTCTACCAGCTCTGTGGGTGCTGAGGGCTTCTTCTGC
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GTTTGGATACTGAGGCGAAGATGGAAGCCCTTCAAGAGCCTAGTAGGGCTGTGCAGAGATCAGAGTATCA
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GGTGGCGATTACACCACACCCTCTAAACCTTGGGATGTGGCCCAAGATAAGGAGAACACATTCATTCTTG
GAGGAGTTTATGGAGAGCTCAAAACATTCAACAGTGTGGGAGTGGGCAGTTGTACCACCTGGTCACAC
AAAAGGGAGCTTGCTACAGTGTGCAGCCTCTGATGTGGTGAACAATCGCCGGTACAGATGTCTTTATGACC
CCTGGAACAGCTTTGCTCCTGGTCACAGGCAGCTCTGGAAGCCCTTTGTGTCATTTGAACAGAGTGACA
TGCCGAAGAGCGGGAAAAATGGAGTAAACAAGGGTTTTCTTTTATCTTCCATGAAGACTTGCTAGGAGC
CTGCAGTAACTTTCAAGTTGAAGATCCTGGCCTTGAATACTCACTCTCTCTCTTTGACCTAAGCAACCCC
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AGCCGAAATCAATCCTCTGCTCTGATTCAGACAGTGAAGTTTTTACCCCAAGATATGTGGTGTGCAAAAG
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CCTGGAGGAGGAAGTGAAGTGCAGAAATCGAATCTGAAAAAGATGAAGCGAGTGTCCCATTCCTTCCCAAG
TTGATGTATTTGAAGACCCACAAGCAGATCTCAACCTTTAGAGGAAGATGCAGAGAAAGAGGTCACTA
CTATGGAAAGTTAGAGCTTGAGTCTGGGAAGTTCTGCCCAGGTTAAAAAAATCTGGAATGGAGAAGAGT
GCTCAGACATCACTGGATTCCCAGGAGGAGCAACTGGGATTCTGCCGAAACAAAATCAGTGTGGGAAT
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GTTTTCTCAGGACAATTGGAAGAGTTTCTGTACTGAACACTGATGTGCAAGAAGTAAACAAGAAATCAAG
AAAAGCAGAGCTGGTGGGAAAAAGCTTTGACTCTCCCCTTTTCCCACGTGAGAGTGTGAAGAATGTTA
TACAAATGCCAAGGGAGAGAATGGTATAGAAGAATGTCCAGATGCTAAAGAGACACCCAGTCTGTAAGAG
CGTCTGTTAGATTTTAAATAGGGTGTCTTCTGTTTATGAAGCAAGATGCACAGGAGAGAGAGGTTCTGAGA
CAAAACCAATGGCCTCCACAGGAAGATGTGTTCCAGTGCCAGCTCTGACACGGGCGACACAGGCTCCGA
AGCCGGCGGAGAGTGGGTGGGCCCCAGCAGAGAGGAGCTCTTCTCCCGAACACATCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001081232

Insert Size:

4191 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:	<u>NM_001081232.3</u> , <u>NP_001074701.3</u>
RefSeq Size:	6808 bp
RefSeq ORF:	4191 bp
Locus ID:	320661
UniProt ID:	<u>Q80U59</u>
Cytogenetics:	5 19.18 cM