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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224407 representing NM_001081232
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGCCCTGTCTGTACAGTTGTTGTGGATGGTTTGCCATCTGAAAGCACCTCAAGTTCTTATCCAGGCC
CTGTGTCTGTTTCTGACATGTCGCTGCTTCATGCATTGGGCCCAGTGCAAACCTGGCTGGGACAAGAGCT
GGAGAAATGTGGCATTGATGCCATGATTTATTCACGGTATATCCTCAGTCTTCTGCTGCATGACAGCTAT
GACTACGACCTGCAGGAACAGGAGAATGACATCTTGAGCTGGGAGAAAGGAGCTTATAAGAAATGGGGAA
GGAGTAAGAAGAAGTGTTCTGATCTAACGCTGGAGGAGATGAAAAAGCAGGCTGCTGTCCAGTGTCTGCG
CTCTGCTTCTGATGAAAGCTCTGGGATCGAGACTTTAGTAGAAGAGCTCTGCTGCAGACTGAAAGACCTA
CAGAGCGAGCAAGAAGAGAAGATTCACAAAAAGTTAGAAGGTTCTCCTTCTCCAGAGGAAGAATTGTCCC
CTACAGCAAAAGATCAAGTGGAAATGTACTATGAAGCATTTCCACCACTGTCTGAGAAACCGGTTTGCCT
GCAAGAGATCATGACCGTGTGGAACAAGTCCAAACCCTGTTCTTACTCTAGCTCCTCGTCATCATCCACA
GTCCCACCAGCAAGCACGGATACATCTTCTCCAAAGGACTGCAACAGTGAGAGTGAAGCCGTCAGAGAGA
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GCTGAGCAGTAGCACCATCGAAGAAAAGCCTGCCTTTTACAAAAGGCAGATCCGACACAAACCTGAAGGG
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CATTGATGGTCATTTTGTAGAAATGCCTGCAGTTATAAACGAGGATATTGACCTCGCTGGGACCTCATTA
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TGTTCTCTACCAGAGGACAATAAGTATCTGGATGATATTCATCTATCAGAACTAACACACTTCTATGAAG
TGGATATTGATCAATCCATGTTGGATCCTGGTGCCTCAGAAACAATGCAAGGAGAAAGTCGGATTTTGAA
TATGATTCGACAAAAAAGCAAGGAGAATACAGATTTTGAGGCAGAATGTTGCATAGTGTTAGATGGTATG
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GTTTGGATACTGAGGCGAAGATGGAAGCCCTTCAAGAGCCTAGTAGGGCTGTGCAGAGATCAGAGTATCA
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CCTGGAAACAGCTTTGCTCCTGGTCACAGGCAGCTCTGGAAGCCCTTTGTGTCATTTGAACAGAGTGACA
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GACACAGTACAGGGCTATTCGAATCTCTCCCCGGACTCACTTTCGCCCGATTTCTGCATCTGAACTATCC
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GCTCAGACATCACTGGATTCCCAGGAGGAGGCAACTGGGATTCTGCCGAAACAAAATCAGTGTTTGGAAT
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TGAGGAAGAGATGAGTGAGTTTTGCAGTTGCAAAGCAGGTTGTCAGTTCCCTGCTTGTGAAGATAATCCA
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AAAAGCAGAGCTGGTGGGAAAAAGCTTTGTACTCTCCCCTTTTCCCCACGTCAGAGTGTGAAGAATGTTA
TACAAATGCCAAGGGAGAGAATGGTATAGAAGAATGTCCAGATGCTAAAGAGACACCCAGTCGTGAAGAG
CGTCTGTTAGATTTTAATAGGGTGTCTTCTGTTTATGAAGCAAGATGCACAGGAGAGAGAGGTTCTGAGA
CAAAACCAAATGGCCTCCACAGGAAGATGTGTTCCAGTGCCAGCTCTGACACGGGCGACACAGGCTCCGA
AGCCGGCGGAGAGTGGGTGGGCCCCAGCAGAGAGGAGCTCTTCTCCCGAACACATCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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).

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

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