

Product datasheet for **MC204244**

DIERTd622e (NM_133825) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	DIERTd622e
Synonyms:	AI98769I; AW047450
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>BC023951
 CCACGCGTCCGGCGGTGGGAGAGCAGCGGGTACCCGGCTGGCTCCGCTGGCGGCTCTGCCACACCTCG
 GCGCCGAGCCCCGCGCTCGCCGCCCTTGGCTTCGGGTCTGCGGCTGCCGCCATAGAGGAACCGGC
 GGAACCTTGACGACCGTATCTGGACTAGAACAGAAAACTTATTATGCTGTGCTCCCTTGGGACACTTT
 GGAAGTTCACAGTGACATCATCTGGGATTTAGTCTGGCGTGTGCAGCCTGGTGCCTAAGATGGAAGTAG
 ATATAATGGGGATTCCAGAAGTACCCTGACCACCTGCCCTTGCTGTGGCTGAGGGAAGCTCTCCAGG
 AAAAGCAGAGGCAGAGAAACCCGCTGCTCTAGCACACCTGCTCGCCATGCGCCGAGTGTGTCTGGT
 TATCAGATCTCCACATGGACTCTAACTACTTGGTTGGCTTACCAGTGGTGAAGAACTCTGAAGTTAG
 CCCAGAAGTGACAGGAGGGGAAGACAGCAAGGAGAGCCATGCCCGCTTGGCGCTAAACAGCTGGA
 CACGGGACTCGCGCTTCTCTCGTCTGTATAAACTAGAAGTAGTACTATCAGCCATATGAGATCCCA
 GCGGTTAATGGCAGGAGCGAAGGCGGATGCCAGCTCAGGAGACAAGTGCACCAACCCCTACCTTATG
 AACCTTATAAGGCCCTCATGGGCCCTTGCTCTATGTCTTCTTAAAGGTAAGAGGGCTCACTCCAATATC
 TCTGGACTACCTCAATCTAGATAAAATGAACATCAAGGAGCCAGCTGACACGGAAGTGTACAGTACCAG
 CTTGACACCTGACCTCCGAGGGGACCGAGTGTGCTAGAAACAATACATGAGTGGCGTGGGAGAGT
 TTAACCACTTTAGTGCAGCTATGCTCGCTAGAGAAAACTACTGTCGTACTCTGTACATGACCTT
 CACGTTAGAGATGGTTATATCAGCTAAGTGTCTGGAACATAAAATTTGGATCAAGTTTTGGATA
 CAGGAATGAAATCAGAGTACTTGGGGCGGGCGGGGGATATCATTCTAGAGCAGCAATTGCAAGAA
 AACCGAATGTTGACTGTTAGTTTGCATAGCTTTTTAGCTAGGAAAGGCTTGGTGCAGTATTTACCT
 TTATGAGTCTGACACCAAAATTGGGAATGTTACCTGCTTGGTGTGTAACCTGGTATGATTATTAGA
 AATTTATACCGAAGTACCCAGTGCTTCTTGGATCTCTGTATTTTACTATAAAATGTATGTAATGATTGT
 CTTATGAAATTTAAGCTTGAACACGGCTGAACTGGACCACTTTTTATTTTAAATATTGAGTTTAAATA
 TTTTAACTGGTTTGCAGTGAACAATTAACATTTAGATAATTAAGAGAATAATCTTCTTCACTT
 GCCTCAATAATGATATTGAGCAATGGATTTTTTTTTTAAATTTCCGATGGAAGTTACTGATCTTTATG
 GCTGTAATAATCTCTTCTAGCATTATTAAGTGTGTCTTAATAAAATTAATTTGGGATACAAAGTAT
 TTATTTTACGATGGGTAGCGGGTGGGGCGCTTTTTCAGAAATGTTTCCAATATGAAGTTTTCGTCAGTTGGA
 AACATTTCTTGTAGTCTATTATCAATTTAAATTCACATGGAACCTGAAGACAGGGAGGATTCTCAGCA
 CTGGGTTGTGAGTATAGTGTCTTGCATCTTACTTCTTGAAGTGAAGTGCAGCTCTAGCAGAGGAGCT
 CTTGATTTTGAATATCAAGGCTTAACTGAGTATGAAGTGAACCGCTCAGCCAGGGTTGGGCTTTTC
 CAGGCTCAGTTCTCTGACGAGGCACTCATCAAACTTTAGTTTGGGATTAGCGTAGGAGCCCAACATA
 CTCCTACAGTTTTAATGGGCTAATCTGGATTACCTAAGAGTTTACGTCCATCACACTGGTTTGATTGT
 TGCTAAAGAAATAATCTTGCCTTTAGTAACAGAAGCAGCTCAACTATTCTTGACCATAAATGTATGTA
 ACTTTCTTTTGTAAACATTTCTATTTCTTTTACTCAGTCTTAAAGGTGCAATTTATTACTGATTGGCA
 TTTCTGGCTATATAGAATACGTAGTTTATGTTTTCTTTGGGGGCACTGTGAGTTTCTAAGGGGTAGCA
 GTCTTGCTTTTAAAAATAAGAACACTTTTAAATGGCGGATGGGCCATTCTGGAACAATCGTGATTTTT
 CCCTCTGTCCAGAATGAATGGCAAGCTTTATTAGAGCAGAATAAGTCTTAGAACCTCAGAACTCTTCA
 TAGAGAGACAACCGTGTGGCAACATGTAGGAAAGAGCTTTGGAGATGCTGGCTTCCATCTTACTGAATC
 GATTAGAGTTTTCAATGGCTGGAAGTTTCTGCTGTGTCTATTTTAAAGTAACTGCACCTTTGTAACA
 TATTGATGAATGATCACTAAGATTAAGTATATCTATACAGTATTAGTTTGACAAGTAATAGAATCTGT
 CAGATGCCAAAGAGTTGGGATTTTACATTTAATGATTAACACCGTTATTTATTGATGATTTCCCTCT
 GGAAGTGTATTATTTCTAACTGAAATAAAAGGGTGTGCAACATCAAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

NM_133825

Insert Size:

624 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC023951</u> , <u>AAH23951</u>
RefSeq Size:	2723 bp
RefSeq ORF:	624 bp
Locus ID:	52392
UniProt ID:	<u>Q8VEB3</u>
Cytogenetics:	1 47.76 cM
Gene Summary:	Probably plays a role in trafficking of proteins via its interaction with UNC119 and UNC119B cargo adapters: may help the release of UNC119 and UNC119B cargo or the recycling of UNC119 and UNC119B. May play a role in ciliary membrane localization via its interaction with UNC119B and protein transport into photoreceptor cells (By similarity).[UniProtKB/Swiss-Prot Function]