

Product datasheet for **MC204458**

Denr (NM_026603) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Denr (NM_026603) Mouse Untagged Clone
Tag: Tag Free
Symbol: Denr
Synonyms: 1500003K04Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC043922
 GTTGCATGTGTCGCTTCAGCTGGCGGGAGCGGAGCGCGGGGGCCGTGCGACCGCTGGGTTTGTGAGA
 TGGCTACTGACATTTCTGAATCCAGCGGGCGGATTGCAAAGGCGATACGAAGAACAGTGCCAAGTTAGA
 TGCGGATTACCCTCTTCGAGTCCTTTATTGTGGAGTCTGTTTCATTACCAACAGAGTACTGTGAATACATG
 CCGGATGTTGCTAAATGTAGACAATGGCTAGAGAAGAAGCTTCCAAATGAATTTGCAAACTTACTGTAG
 AAAATTCACCCAAACAAGAACTGGAATTACTGAAGGCCAAGGACCAGTAGGGGAAGAGGAGGAGAAGAA
 AAAACAAAAAGAGGTGGAAGAGGTCAAATAAACAGAAGAAGAAGACAGTACCACAGAAGGTCACGATA
 GCCAAAATCCCAGAGCAAAGAAGAAATACGTGACGAGAGTGTGTGCCCTTGCAACTTTTGAAATTGATC
 TCAAAGAAGCACAAAGATTTTTTCTCAAAAATCTCGTCCGGTGCCTCAGTGACAGGGGAGGACGAGAT
 CATCATTCAGGGAGACTTCACAGATGACATCATTGACGTCATTCAGGAAAAGTGGCCAGAGGTGGATGAC
 GACAGCATTGAAGACCTTGGAGAAGTGAAGAAGTATCCTGAAGTCATGTGTTTCTAACTGTGACCTGAG
 AGCTGACACGGCCAGCAGAGGAGAGGCCTTTCAGAAATATACATATGTACATTTGTGTATATATACC
 CTACAGTAAAGCTGTCGACTCCTCGTCCTCGGCGTCTCACTGTTCCGTAACAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026603

Insert Size: 597 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).



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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: [BC043922](#), [AAH43922](#)

RefSeq Size: 874 bp

RefSeq ORF: 597 bp

Locus ID: 68184

UniProt ID: [Q9CQJ6](#)

Cytogenetics: 5 F

Gene Summary: May be involved in the translation of target mRNAs by scanning and recognition of the initiation codon. Involved in translation initiation; promotes recruitment of aminoacylated initiator tRNA to P site of 40S ribosomes. Can promote release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits (By similarity).[UniProtKB/Swiss-Prot Function]