

## Product datasheet for MR200362

### Dnal4 (NM\_017470) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dnal4 (NM\_017470) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Dnal4  
**Synonyms:** D15Ert424e; Dnal4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR200362 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGGAGAGACTGAAGGGAAGAAAGAGGAGGCTGACTATAAACGGCTGCAGACCTTCCCCCTGGTCAGGC  
 ACTCGGACATGCCAGAGGAGATGCGCGTGGAGACCATGGAGCTGTGTGTACAGCCTGTGAGAAATTCTC  
 CAACAACATGAGAGTGTGCAAAGATGATCAAGGAGACAATGGACAAGAAGTTCGGCTCCTCCTGGCAT  
 GTGGTGTGCGCGAGGGTTTGGGTTTGTAGATCACCCACGAGGTGAAGAACCTCCTGTACCTGTACTTCG  
 GGGGACCTGGCCGTGTGTGTGGAAGTGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR200362 protein sequence  
 Red=Cloning site Green=Tags(s)  
 MGETEGKKEEADYKRLQTFPLVRHSDMPEEMRVETMELCVTACEKFSNNNESAAKMIKETMDKKFGSSWH  
 VVIGEGFGFEITHEVKNLLYLYFGGTLAVCVWKCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

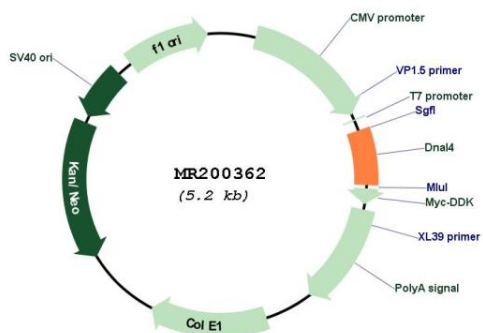


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**Locus ID:** 54152  
**UniProt ID:** [Q9DCM4](#)  
**Cytogenetics:** 15 37.85 cM  
**MW:** 12 kDa  
**Gene Summary:** Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR200362