

Product datasheet for MR228481

1110017D15Rik (NM_001253788) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110017D15Rik (NM_001253788) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1110017D15Rik
Synonyms: Cbe1; Smrp1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228481 representing NM_001253788
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCTCTTCTCCCGAAGACCAAGACCCCATCAGCACCTACAGTGACTCCTACAGGGCTCCTACCT
 CCATCAAGGAGGTCTATAAGGACCCACCACTATGGCCCTGGGAAGCCAACAAGTTTGTACCCAGGTCT
 GACTCAGACTATGCACCGCCACGTGGACCCTGAGGCCCTGCAGAAGATGACCAAATGTGCCGCACAGGAC
 TACACCTATAAGAGTTCCATATCAGGTCACCCTTATTTGCTGAGAAATACTGGCTCTCTCCAGATGAAG
 AGGACAAATGCTGTCCGAGCTACCTGGACAATGACCGGTACAACACGTGGAAGACGAGTCCTTGCAGCAA
 CTACTGGAACAAGTATACCGGCTGTCTTCTCGACTGTCCAAGGACACCGGGATGGAGTCAGTTCGAGGA
 ATGCCGTTGGAATATCTCCTAAGCAGGAGCGCCTCAACGCCTACGGAGTGTGTGCCCTTCGGTACCCG
 GCCAGGAATGCAATGTGCTGTTACAACCTCCCCGCCATCATTTTACCCGTATCCCAACCTTAGATGGGAC
 ACAAGTCACTTCAAGAAGACTGGTGGTCCCAGAGAAACAACATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228481 representing NM_001253788
 Red=Cloning site Green=Tags(s)

MFLFSRKTTPISTYSYRAPTSIKEVYKDPPLWAEANKFVTPGLTQTMHRHVDPEALQKMTKCAAQD
 YTYKSSISGHPYLPEKYWLSPEEDKCCPSYLDNDRYNTWKTSPCSNYWNKYTGCLPRLSKDTGMESVRG
 MPLEYPPKQERLNAYGVCRPSVTGQECNVLLQLPRHHFTRIPTLDGTQVTSRRLVVPRETTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

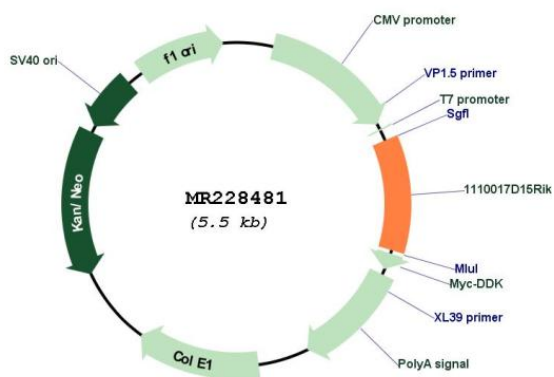
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_001253788

ORF Size: 606 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001253788.1](#), [NP_001240717.1](#)

RefSeq Size: 884 bp

RefSeq ORF: 609 bp

Locus ID: 73721

Cytogenetics: 4 A5

MW: 23.9 kDa

Gene Summary: May be involved in differentiation or function of ciliated cells (By similarity). May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]