

Product datasheet for **MR229081**

1110017D15Rik (NM_001253777) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1110017D15Rik (NM_001253777) 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:	>MR229081 representing NM_001253777 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTCTCTTCTCCCGAAGACCAAGACCCCATCAGCACCTACAGTGACTCCTACAGGGCTCCTACCT
CCATCAAGGAGGTCTATAAGGACCCACCACTATGGGCCTGGGAAGCCAACAAGTTTGTGACCCAGGTCT
GACTCAGACTATGCACCGCCACGTGGACCCTGAGGCCCTGCAGAAGATGACCAAATGTGCCGCACAGGAC
TACACCTATAAGAGTTCCATATCAGGTCACCCCTATTTGCTGAGAAATACTGGCTCTCTCCAGATGAAG
AGGACAAATGCTGTCCGAGCTACCTGGACAATGACCGGTACAACACGTGGAAGACGAGTCTTGCAGCAA
CTACTGGAACAAGTATACCGGCTGTCTTCTCGACTGTCCAAGGACACCGGGATGGAGTCAGTTCGAGGA
ATGCCGTTGGAATATCCTCCTAAGCAGGAGCGCCTCAACGCCTACGAGCGCGAGGTAGTGGTGAACATGC
TGAACCTCGCTGTCTCGGAACCGGACTCTGCCGAGATTGTACCCCGCTGTGGTGCCTGGACCCTCTCC
GGCCGATTGCCATACCAAGGATATGAAAGCCCTTGCTCCGGCCGCCACTACTGTCTGCGCGGGATGGAC
TACTGCACCACCGGGAGCCTAGCACAGAACGCCGCTGCGGCCCTTTGTGCTCGCAGCAGCCGACTGTAA
GGAGTGTGTCGCCCTTCGGTCACCGGCCAGGAATGCAATGTGCTGTTACAACCTCCCCGCCATCATTTTA
CCCGTATCCCAACCTTAGATGGGACACAAGTCACTTCAAGAAGACTGGTGGTTCCAGAGAAACAACAT
GTAGTCCATCCTGAGTTTGTGTCTGAGACCTGTCTGTCTACCCTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR229081 representing NM_001253777
 Red=Cloning site Green=Tags(s)

MFLFSRKTKTPISTYSDSYRAPTSIKEVYKDPPLWAVEANKFVTPGLTQTMHRHVDPEALQKMTKCAAQD
 YTYKSSISGHPYLPEKYWLSPEEDKCCPSYLDNDRYNTWKTSPCSNYWNKYTGCLPRLSKDTGMESVRG
 MPLEYPPKQERLNAYEREVVNNMLNSLSRNRTLQPQIVPRCGVDPLPGRLPYQGYE SPCSGRHYCLRGMD
 YCTTREPSTERRLRPLCSQQPTVRSVSPFGHRPGMQCAVTPPPSFYPYNLRWDTSHFKKTGGSQRNNY
 VVHPEFVSETCPVYPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

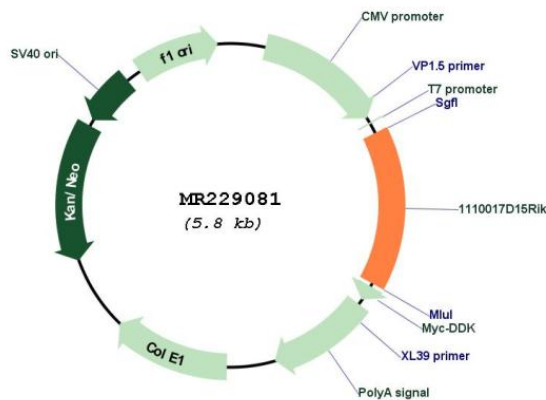
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001253777

ORF Size: 888 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:	<ol style="list-style-type: none">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_001253777.1 , NP_001240706.1
RefSeq Size:	1119 bp
RefSeq ORF:	891 bp
Locus ID:	73721
UniProt ID:	Q2MH31
Cytogenetics:	4 A5
MW:	34.6 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]