

Product datasheet for **MC226870**

1110017D15Rik (NM_001253777) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110017D15Rik (NM_001253777) Mouse Untagged Clone
Tag: Tag Free
Symbol: 1110017D15Rik
Synonyms: Cbe1; Smrp1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226870 representing NM_001253777
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTCTCTTCTCCCGAAGACCAAGACCCCATCAGCACCTACAGTGACTCCTACAGGGCTCCTACCT
CCATCAAGGAGGTCTATAAGGACCCACCCTATGGCCCTGGGAAGCCAACAAGTTTGTGACCCAGGTCT
GACTCAGACTATGCACCGCCACGTGGACCCTGAGGCCCTGCAGAAGATGACCAAATGTGCCGCACAGGAC
TACACCTATAAGAGTTCCATATCAGGTCACCCTTATTTGCTGAGAAATACTGGCTCTCTCCAGATGAAG
AGGACAAATGCTGTCCGAGCTACCTGGACAATGACCGGTACAACACGTGGGAAGACGAGTCTTGCAGCAA
CTACTGGAACAAGTATACCGGCTGTCTTCTCGACTGTCCAAGGACACCGGGATGGAGTCAGTTCGAGGA
ATGCCGTTGGAATATCCTCCTAAGCAGGAGCGCCTCAACGCCTACGAGCGCGAGGTAGTGGTGAACATGC
TGAACCTGCTGTCTCGGAACCGGACTCTGCCGAGATTGTACCCCGCTGTGGGTGCGTGGACCCTCTCC
GGCCGATTGCCATACCAAGGATATGAAAGCCCTTGCTCCGGCCGCCACTACTGTCTGCGCGGGATGGAC
TACTGCACCACCCGGGAGCCTAGCACAGAACGCCGCTGCGGCCCTTTGTGCTCGCAGCAGCCGACTGTAA
GGAGTGTGTCGCCCTTCGGTCACCGGCCAGGAATGCAATGTGCTGTTACAACCTCCCCGCCATCATTTTA
CCCGTATCCCAACCTTAGATGGGACACAAGTCACTTCAAGAAGACTGGTGGTTCACAGAGAAACAACAT
GTAGTCCATCCTGAGTTTGTGCTGAGACCTGTCTGTCTACCCTTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001253777
Insert Size: 891 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001253777.1</u> , <u>NP_001240706.1</u>
RefSeq Size:	1119 bp
RefSeq ORF:	891 bp
Locus ID:	73721
UniProt ID:	<u>Q2MH31</u>
Cytogenetics:	4 A5
Gene Summary:	<p>May be involved in differentiation or function of ciliated cells (By similarity). May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate splice site that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (3) has a distinct and longer C-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>