

Product datasheet for **MC226013**

1110017D15Rik (NM_001253778) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110017D15Rik (NM_001253778) 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: >MC226013 representing NM_001253778
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

**ATGGAGTCAGTTCGAGGAATGCCGTTGGAATATCCTCCTAAGCAGGAGCGCCTCAACGCCTACGAGCGCG
 AGGTAGTGGTGAACATGCTGAACCTCGCTGTCTCGGAACCGGACTCTGCCCGAGATTGTACCCCGCTGTGG
 GTGCGTGGACCCTCTCCGGGCGGATTGCCATACCAAGGATATGAAAGCCCTTGCTCCGGCCGCGACTAC
 TGTCTGCGCGGGATGGACTACTGCACCACCCGGGAGCCTAGCACAGAACGCCCTGCGGCCTTTGTGCT
 CGCAGCAGCCGACTGTAAGGAGTGTGTCGCCCTTCGGTCACCGGCCAGGAATGCAATGTGCTGTTACAAC
 TCCCCCGCATCATTTTACCCGTATCCCAACCTTAGATGGGACACAAGTCACTTCAAGAAGACTGGTGGT
 TCCCAGAGAAACAACATGTAGTCCATCCTGAGTTTGTGCTGAGACCTGTCTGTCTACCCCTCC**TAG****

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001253778
Insert Size: 489 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).



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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_001253778.1</u> , <u>NP_001240707.1</u>
RefSeq Size:	726 bp
RefSeq ORF:	489 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 (5) differs in the 5' UTR, lacks a portion of the 5' coding region, uses a downstream in-frame start codon, and uses an alternate splice site that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (4) is shorter at the N-terminus and has a distinct 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>