

## Product datasheet for **MC225504**

### 1110017D15Rik (NM\_001253780) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 1110017D15Rik (NM\_001253780) 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:** >MC225504 representing NM\_001253780  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

**ATGGAGTCAGTTCGAGGAATGCCGTTGGAATATCCTCCTAAGCAGGAGCGCCTCAACGCCTACGGAGTGT**  
**GTCGCCCTTCGGTCACCGGCCAGGAATGCAATGTGCTGTTACAACCTCCCCGCCATCATTTTACCCGTAT**  
**CCCAACCTTAGATGGGACACAAGTCACTCAAGAAGACTGGTGGTCCCAGAGAAACAACATGTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001253780  
**Insert Size:** 207 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).

**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).



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**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\\_001253780.1](#), [NP\\_001240709.1](#)

**RefSeq Size:** 486 bp

**RefSeq ORF:** 207 bp

**Locus ID:** 73721

**Cytogenetics:** 4 A5

**Gene Summary:** May be involved in differentiation or function of ciliated cells (By similarity). May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (7) differs in the 5' UTR, lacks a portion of the 5' coding region, uses a downstream in-frame start codon, and lacks an exon that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (5) 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.