

Product datasheet for MC226270

1110017D15Rik (NM_001253788) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110017D15Rik (NM_001253788) 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: >MC226270 representing NM_001253788
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTCTCTTCTCCCGAAGACCAAGACCCCCATCAGCACCTACAGTACTCTACAGGGCTCCTACCT
 CCATCAAGGAGGTCTATAAGGACCCACCACTATGGCCTGGGAAGCCAACAAGTTGTGACCCAGGTCT
 GACTCAGACTATGCACCGCCACGTGGACCCTGAGGCCCTGCAGAAGATGACCAAATGTGCCGCACAGGAC
 TACACCTATAAGAGTTCCATATCAGGTCACCCTTATTTGCCTGAGAAATACTGGCTCTCTCCAGATGAAG
 AGGACAAATGCTGTCCGAGCTACCTGGACAATACCGGTACAACACGTGGAAGACGAGTCTTGCAGCAA
 CTACTGGAACAAGTATACCGGCTGTCTTCTCGACTGTCCAAGGACACCGGGATGGAGTCAGTTCGAGGA
 ATGCCGTTGGAATATCCTCCTAAGCAGGAGCGCCTCAACGCCTACGGAGTGTGTCGCCCTTCGGTCACCG
 GCCAGGAATGCAATGTGCTGTTACAACCCCCGCCATCATTTTACCCGTATCCCAACCTTAGATGGGAC
 ACAAGTCACTTCAAGAAGACTGGTGGTCCCAGAGAAACAACATATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001253788
Insert Size: 609 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_001253788.1, NP_001240717.1</u>
RefSeq Size:	884 bp
RefSeq ORF:	609 bp
Locus ID:	73721
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 (8) lacks an alternate exon that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (6) has a distinct and shorter 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>