

Product datasheet for **MR215453**

1110017D15Rik (NM_028624) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110017D15Rik (NM_028624) 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: >MR215453 representing NM_028624
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

**ATGGAGTCAGTTCGAGGAATGCCGTTGGAATATCCTCCTAAGCAGGAGCGCCTCAACGCCTACGAGCGCG
AGGTAGTGGTGAACATGCTGAACCTCGCTGTCTCGAACCGGACTCTGCCGAGATTGTACCCCGCTGTGG
GTGCGTGGACCTCTCCGGGCGGATTGCCATACCAAGGATATGAAAGCCCTTGCTCCGGCCGCGACTAC
TGTCTGCGCGGGATGGACTACTGCACCACCCGGGAGCCTAGCACAGAACCGCCCTGCGGCTTTGTGCT
CGCAGCAGCCGACTGAGTGTGTCGCCCTTCGGTACCGGCCAGGAATGCAATGTGCTGTTACAACCTCCC
CGCCATCATTTTACCCGTATCCCAACT**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215453 representing NM_028624
Red=Cloning site Green=Tags(s)
MESVRGMPLEYPPKQERLNAYEREVVVNMNLNSLSRNRTLQPQIVPRCGVDPLPGRLPYQGYEPCSGRHY
CLRGMDYCTTREPSTERRLRPLCSQQPTECVLRSPARNAMCCYNPAIILPVSQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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_028624.1 , NP_082900.1
RefSeq Size:	734 bp
RefSeq ORF:	381 bp
Locus ID:	73721
UniProt ID:	Q2MH31
Cytogenetics:	4 A5
MW:	14.8 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]