

## Product datasheet for MC225311

### Cep250 (NM\_001129999) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cep250 (NM_001129999) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cep250
Synonyms:	AW490617; B230210E21Rik; Cep2; Inmp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225311 representing NM_001129999 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGACAGGGAGCCCCGGGTGAACATGAAGCCCCAGTCCTTGACAGCTGGTGTGAGGGGCAGGTGC  
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 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001129999
- Insert Size:** 7305 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).
- 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:**

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\\_001129999.1](#), [NP\\_001123471.1](#)

**RefSeq Size:** 7979 bp

**RefSeq ORF:** 7305 bp

**Locus ID:** 16328

**UniProt ID:** [Q60952](#)

**Cytogenetics:** 2 H1

**Gene Summary:** May be involved in ciliogenesis. Probably plays an important role in centrosome cohesion during interphase.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3) uses an alternate in-frame acceptor splice site at one of the coding exons, and includes an additional in-frame segment compared to variant 1, resulting in a longer isoform (2) compared to isoform 1. Sequence Note: Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.