

Product datasheet for MC225459

Cep350 (NM_001039184) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep350 (NM_001039184) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cep350
Synonyms:	4933409L06Rik; 6430546F08Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225459 representing NM_001039184 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGAGCAGCAAGTCAAAGAGGTGCCTTTACCAAATCCCAGGAAGTCTCAGAGCAAGGAGACTATTC
AAGATGTAACCACATCATGGGATGCACTTTCTCAGACCAAGGCTGCTCTGAGACACATTGAGAACAATT
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CCTTAAACAAGGATTTTTGCCAGTTGAAATTCGTGGGATTCTTGATGACTTACAGCTAGATTCTTCAGC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001039184
- Insert Size:** 9288 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_001039184.1](#), [NP_001034273.1](#)
- RefSeq Size:** 13307 bp
- RefSeq ORF:** 9288 bp
- Locus ID:** 74081
- UniProt ID:** [E9Q309](#)
- Cytogenetics:** 1 G3
- Gene Summary:** Plays an essential role in centriole growth by stabilizing a procentriolar seed composed of at least, SASS6 and CENPJ. Required for anchoring microtubules to the centrosomes and for the integrity of the microtubule network. Recruits PPARA to discrete subcellular compartments and thereby modulates PPARA activity. Required for ciliation.[UniProtKB/Swiss-Prot Function]