

Product datasheet for **MC225966**

Ccdc50 (NM_001289436) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc50 (NM_001289436) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ccdc50
Synonyms: C3orf6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225966 representing NM_001289436
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAACCAAGAGGAATAAAAGAAGCTGTCTCTACTCCAGCACGAGCAAGCCACAGGGACCAGGAGTGGT
ATGATGCTGAAATTGCCAGGAAATTGCAAGAAGAAGAACTTTTGGCTACTCATGTGGACATGAGAGCAGC
TCAGGTTGCCAGGATGAGGAAATTGCTCGACTTCTAATGGCTGAAGAAAAAAGCTTACAAGAAAGCC
AAAGAGCGAGAAAAGTCATCTTTGGACAAAAGGAAACATGACCCTGAATGCAAGTTAAAAGCAAAGTCAG
CCCCTCAAAGTCAAAGAGGGTGATGAAGCACACCGCTCCAAGATTGACAGGCCATCAAGACCACCACC
ACCTACCATGATGGGCCTTGAGGACACAGATCCCACCCATTTTACAAACCAGCACAGTACAACATGGCAT
CTTCAAAGTCAGAGTCTCACAGAAAGGCTTCCATAACAAGCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001289436
Insert Size: 468 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_001289436.1</u> , <u>NP_001276365.1</u>
RefSeq Size:	7063 bp
RefSeq ORF:	468 bp
Locus ID:	67501
UniProt ID:	<u>Q810U5</u>
Cytogenetics:	16 18.98 cM
Gene Summary:	<p>Involved in EGFR signaling.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in its 5' UTR and uses a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>