

## Product datasheet for **SC333006**

### **C1orf149 (MEAF6) (NM\_001270875) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C1orf149 (MEAF6) (NM\_001270875) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** C1orf149  
**Synonyms:** C1orf149; CENP-28; EAF6; NY-SAR-91  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333006 representing NM\_001270875.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCGATGCACAACAAGGCGGCCGCCGAGATCCCGGACACCCGGCGGGAGCTGGCGGAGCTCGTG
AAGCGGAAGCAGGAGCTGGCGGAAACATTGGCAAATTTGGAGCGACAGATCTATGCTTTTGGAGGAAAGC
TACCTGGAAGACACTCAGATGTATGGCAATATTATTCGTGGCTGGGATCGGTATCTGACCAACCAAAAA
AACTCCAATAGCAAAAATGATCGAAGGAACCGGAAGTTTAAGGAAGCTGAGCGGCTCTTCAGTAAATCC
TCGTTACCTCAGCAGCTGCAGTAAGTGCATTGGCAGGAGTTCAGGACCAGCTCATTGAAAAGAGGGAG
CCAGGAAGTGGGACGAAAGTGACACTTCTCCAGACTTCCACAATCAGGAAAATGAGCCCAGCCAGGAG
GACCCTGAGGATCTGGATGGATCTGTGCAGGGAGTGAAACCTCAGAAGGCTGCTTCTTACTTCTCTCA
GGGAGTCACCACAGCAGCCATAAAAAGCGAAAAGATAAAAACCGGCACAGGATTGATCTGAAGTTAAAC
AAAAAACCACGAGCTGACTATTAG
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001270875  
**Insert Size:** 576 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).



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**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\\_001270875.1](#)

**RefSeq Size:** 4788 bp

**RefSeq ORF:** 576 bp

**Locus ID:** 64769

**UniProt ID:** [Q9HAF1](#)

**Cytogenetics:** 1p34.3

**MW:** 21.6 kDa

**Gene Summary:** This gene encodes a nuclear protein involved in transcriptional activation. The encoded protein may form a component of several different histone acetyltransferase complexes. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]  
Transcript Variant: This variant (2) lacks an alternate exon in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than 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.