

Product datasheet for **RG233401**

C1orf149 (MEAF6) (NM_001270876) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf149 (MEAF6) (NM_001270876) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf149
Synonyms: C1orf149; CENP-28; EAF6; NY-SAR-91
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG233401 representing NM_001270876
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGATGCACAACAAGGCGGCCGCCGCAGATCCCGACACCCGGCGGGAGCTGGCGGAGCTCGTGA
 AGCGGAAGCAGGAGCTGGCGAAACATTGGCAATTTGGAGCGACAGATCTATGCTTTTGAGGGAAGCTA
 CCTGGAAGACTCAGATGTATGGCAATATTATTCGTGGCTGGGATCGGTATCTGACCAACCAAAAAAC
 TCCAATAGCAAAAATGATCGAAGGAACCGAAGTTTAAGGAAGCTGAGCGGCTCTTCAGTAAATCCTCGG
 TTACCTCAGCAGCTGCAGTAAGTGCATTGGCAGGAGTTCAGGACCAGCTCATTGAAAAGAGGGAGCCAGG
 AAGTGGGACGGAAAGTGACACTTCTCCAGACTTCCACAATCAGGAAAATGAGCCAGCCAGGAGGACCT
 GAGGATCTGGATGGATCTGTGCAGGGAGTGAAACCTCAGAAGGCTGCTTCTTCTACTTCTCAGGGAGTC
 ACCACAGCAGCCATAAAAAGCGAAAAGAATAAAAACCGGCACAGAATGAATGTCTCCCCAAAACCTGGCTG
 GCACCAGCTTCATCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG233401 representing NM_001270876
 Red=Cloning site Green=Tags(s)

MAMHNKAAPPQIPDTRRELAELVKRKQELAETLANLERQIYAFEGSYLEDQMYGNIIRGWDRYL TNQKN
 SNSKNDRNRKFKEAERLFSKSSVTSAAAVSALAGVQDQLIEKREPGSGTESDTSPDFHNQENEPSQEDP
 EDLDGSVQGVKPKQAASSTSSGSHSHKRRKNRHRMNVSPKGTGWHQLHL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001270876

ORF Size: 576 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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_001270876.2](#)

RefSeq Size: 4461 bp

RefSeq ORF: 579 bp

Locus ID: 64769

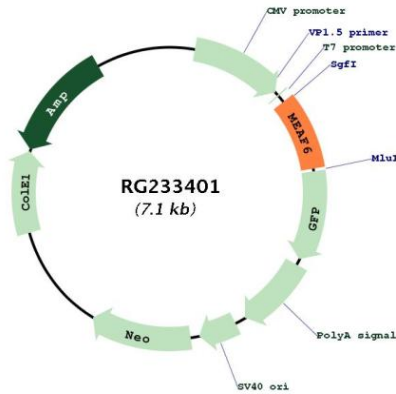
UniProt ID: [Q9HAF1](#)

Cytogenetics: 1p34.3

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]

Product images:



Circular map for RG233401