

Product datasheet for **SC331726**

ODAPH (NM_001206981) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ODAPH (NM_001206981) Human Untagged Clone
Tag: Tag Free
Symbol: ODAPH
Synonyms: AI2A4; C4orf26
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331726 representing NM_001206981.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTCGCAGACACTGCTTCTCCTACTGGTACTGGTATGCTGGTTGGTGGTAACTGTGGCAGAAGCA
CTGTCCACTTTCTATCTCCAGCAGCATATTAATTTGCACATGGACAAGAAGAGGTATTTACGCCTCTG
GAGATTCACAAAATAATGCGGACGCTACCGACTGCCAGATCTTTACACTCACCCCTCCACCTGCCCCGA
GGAGTCCGGTACAAGGGCCAGCCATCACAAGACACCCAGGTGTCCCTTCCATTTTTTCCACGAA
GGCCCAGAATCCATTTTAGGTTTCAAACAGACCTTCGTCCCTCAAGGTGTAACCACCGTTTTCCAT
TCCAGCCATTTTATTGGCCACACCGTTACCTTACTTATAGGTATTTCCCAGAAGAAGACTCCAGAGAG
GAAGCTCATCTGAGGAAAGCTGAGAGGGAAGAGAAACCCAAACATACTGAAGCAAAAAAAGCCTATCC
TTCAGAAAAAAGCAAAAAAGATTTCTGTTTTATCTTTCGAAACTAA
```

Restriction Sites: SgfI-MluI
ACCN: NM_001206981
Insert Size: 531 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_001206981.1](#)

RefSeq Size: 1926 bp

RefSeq ORF: 531 bp

Locus ID: 152816

UniProt ID: [Q17RF5](#)

Cytogenetics: 4q21.1

MW: 20.4 kDa

Gene Summary: Dental enamel forms the outer cap of teeth and is the hardest substance found in vertebrates. This gene is thought to encode an extracellular matrix acidic phosphoprotein that has a function in enamel mineralization during amelogenesis. Mutations in this gene are associated with recessive hypomineralized amelogenesis imperfecta. [provided by RefSeq, Oct 2012]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).