

Product datasheet for **SC330070**

ZNF410 (NM_001242927) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF410 (NM_001242927) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF410
Synonyms: APA-1; APA1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330070 representing NM_001242927.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTATCAGATGAGTTAGAATCCAAACCAGAGCTCCTGGTACAGTTTGTTGAGAATACGTCCATCCCA
 TTGGGACAGGGCTTGTAGAATCAGAAGCTAAAGATATTACTTGCTTGTCCCTCCTTCCCGTGACTGAA
 GCCTCAGAATGCAGTCGGCTAATGTTACCAGGTCTGGGCTCTTCAGCTGAGCACTTAGTGTTGTACAG
 GATGAGGCAGAAGATTGAGGAATGATTCCTCTCCAGTGAGAGCACAGACAGTAGCATTCCATGGTTC
 CTCCGGGTTGAGGAGTTGGCCCATGACAGTTTGATTGCTGCTACTCGTGCAACTGGCAAAGAATGCA
 AAAACCAGCAGCAATGGAGAAAATGTCCACCTTGGTTCTGGTGATGGGCAGTCAAAGATTCTGGGCCC
 CTTCTCAAGTGGAAGAAGCTCAAGTGACAGTTGAAGGTTGTGACCGGACATTTGTATGGCCAGCT
 CACTTTAAATACCACCTCAAGACTCATCGAAATGACCGCTCCTTCATCTGTCTGCGAGAAGTTGTGGG
 AAAAGCTTCTATGTGCTGCAGAGGCTGAAGGTGCACATGAGGACCCACAATGGAGAGAAGCCCTTATG
 TGCCATGAGTCTGGCTGTGGTAAGCAGTTTACTACAGCTGGAAACCTGAAGAACCACCGGCATCCAC
 ACAGGAGAGAAACCTTTCCTTTGTGAAGCCCAAGGATGTGGCCGTTCTTTGCTGAGTATTCTAGCCTC
 CGAAAACATCTGGTGGTTCACTCAGGAGAGAAGCCTCATCAGTGCCAAGTCTGTGGGAAGACCTTCTCT
 CAGAGTGGAAGCAGGAATGTGCATATGAGAAAGCATCACCTGCAGCTGGGAGCAGCTGGGAGTCAAGAG
 CAGGAGCAAACCTGCTGAGCCACTAATGGGCAGTAGTTTGCTTGAAGAGGCTTCAGTACCCAGTAAAAAC
 CTGGTGTCTATGAATCCAGCCAGCCTTGGTGGAGAGTCCTTGAACCTACCAAATACCAATTCTATC
 CTGGGAGTTGATGATGAGGTGCTTGCTGAAGGATCCCCACGTTCCCTGTCTTCAGTGCCTGATGTGACA
 CATCACCTGGTGACCATGCAGTCAGGGAGGCAATCATATGAAGTTTCTGTCTTAAGTGCAGTAAATCCA
 CAAGAGTTACTAAACCAAGGAGATTTAACTGAAAGACGGACATGA

Restriction Sites: SgfI-MluI
ACCN: NM_001242927
Insert Size: 1218 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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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:	<u>NM_001242927.1</u>
RefSeq Size:	2426 bp
RefSeq ORF:	1218 bp
Locus ID:	57862
UniProt ID:	<u>Q86VK4</u>
Cytogenetics:	14q24.3
Protein Families:	Transcription Factors
MW:	44.3 kDa
Gene Summary:	Transcription factor that activates transcription of matrix-remodeling genes such as MMP1 during fibroblast senescence.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks two alternate in-frame exons in the 5' coding region, and it also lacks an exon that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (d) has a distinct C-terminus and is shorter than isoform a.