

Product datasheet for SC335272

ZNF410 (NM_001242928) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF410 (NM_001242928) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF410
Synonyms:	APA-1; APA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335272 representing NM_001242928. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGCAAAAACAGCAGCAATGGAGAAAATGTCCACCTTGGTTCTGGTGATGGGCAGTCAAAAGATTCTG
 GGCCCCCTTCTCAAGTGGAAAAGAAGCTCAAGTGTACAGTTGAAGTTGTGACCGGACATTTGTATGGC
 CAGCTCACTTTAAATACCACCTCAAGACTCATCGAAGTTGTGGGAAAAGCTTCTATGTGCTGCAGAGG
 CTGAAGGTGCACATGAGGACCCACAATGGAGAGAAGCCCTTTATGTGCCATGAGTCTGGCTGTGGTAAG
 CAGTTTACTACAGCTGGAACCTGAAGAACCACCGCGCATCCACACAGGAGAGAAACCTTTCCTTTGT
 GAAGCCCAAGGATGTGGCCGTTCTTTGCTGAGTATTCTAGCCTCCGAAAACATCTGGTGGTTCACTCA
 GGAGAGAAAGCCTCATCAGTGCCAAGTCTGTGGGAAGACCTTCTCTCAGAGTGGAAGCAGGAATGTGCAT
 ATGAGAAAGCATCACCTGCAGCTGGGAGCAGCTGGGAGTCAAGAGCAGGAGCAAACCTGCTGAGCCACTA
 ATGGGCAGTAGTTTGCTTGAAGAGGCTTCACTACCCAGTAAAAACCTGGTGTCTATGAATCCCAGCCC
 AGCCTTGGTGGAGAGTCCTTGAACCTACCAATACCAATTCTATCCTGGGAGTTGATGATGAGGTGCTT
 GCTGAAGGATCCCCACGTTCCCTGTCTTCACTGCCTGATGTGACACATCACCTGGTGACCATGCAGTCA
 GGGAGGCAATCATATGAAGTTTCTGTCTTAAGTGCAGTAAATCCACAAGAGGTGGAGTCTTGCTATGTT
 GCCCAGGCTGGAGTGCAGTGGCACCATCTCGGCTCACTGCAACCTCTACCTCCGAATTCAGCGGTTT
 TTCTGCCTCAGCCTCTGAGTAGCTGGGACCACAGTTAC**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001242928
Insert Size:	939 bp


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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).
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_001242928.1</u>
RefSeq Size:	2738 bp
RefSeq ORF:	939 bp
Locus ID:	57862
Cytogenetics:	14q24.3
Protein Families:	Transcription Factors
MW:	34.4 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 (5) differs in its 5' UTR and 5' coding region, uses an alternate downstream start codon, and includes alternate exon structure in the 3' coding region, compared to variant 1. The encoded isoform (e) has distinct N- and C-termini and is shorter than isoform a.