

Product datasheet for **SC108877**

ZNF410 (NM_021188) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF410 (NM_021188) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF410
Synonyms:	APA-1; APA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108877 sequence for NM_021188 edited (data generated by NextGen Sequencing)

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ATGTTATCAGATGAGTTAGAATCCAAACCAGAGCTCCTGGTACAGTTTGTTCAGAATACG
TCCATCCCATTGGGACAGGGGCTGTAGAATCAGAAGCTAAAGATATTACTTGCTTGCC
CTCCTTCCCGTGAAGCCTCAGAATGCAGTCGGCTAATGTTACCAGATGATACTACA
AATCATTCTAACTCCTCCAAGGAGTCCCTTCTCAGCTGTTTTGAGAAGCCTCCGGGTG
AATGTGGTCCAGACGGAGAGGAGACGAGCTCAGACTGTACAGAAATCCCCGGAGTTT
TTGTCCACTTCAGAGTCTTCTAGCTTGTGCAAGATCTACAGCCAAGTGATAGCACTTCT
TTTATTCTTCTAACCTAACAGAGCAGGTCTGGGCTTCTCAGCTGAGCACTTAGTGTTT
GTACAGGATGAGGCAGAAGATTCAGGGAATGATTTCTCTCCAGTGAGAGCACAGACAGT
AGCATTCCATGGTTCTCCGGGTTCCAGGAGTTGGCCCATGACAGTTTGATTGCTGCTACT
CGTGCACAACCTGGCAAAGAATGCAAAAACCAGCAGCAATGGAGAAAATGTCCACCTTGGT
TCTGGTGTGGCAGTCAAAGATTCTGGGCCCTTCTCAAGTGAAAAGAAGCTCAAG
TGTACAGTTGAAGTTGTGACCGGACATTTGTATGGCCAGCTCACTTTAAATACCACCTC
AAGACTCATCGAATGACCGCTCCTTCATCTGTCTGCAGAAGGTTGTGGAAAAGCTTC
TATGTGTGCAGAGGCTGAAGGTGCACATGAGGACCCACAATGGAGAGAAGCCCTTTATG
TGCCATGAGTCTGGCTGTGGTAAGCAGTTTACTACAGCTGGAAACCTGAAGAACCACCGG
CGCATCCACACAGGAGAGAAACCTTTCTTTGTGAAGCCCAAGGATGTGGCCGTTCTTTT
GCTGAGTATTCTAGCCTCCGAAAACATCTGGTGGTTCACTCAGGAGAGAAGCCTCATCAG
TGCCAAGTCTGTGGGAAGACCTTCTCTCAGAGTGAAGCAGGAATGTGCATATGAGAAAG
CATCACCTGCAGCTGGGAGCAGCTGGGAGTCAAGAGCAGGAGCAAACCTGCTGAGCCACTA
ATGGGCAGTAGTTTGGCTGAAGAGGCTTCAAGTACCCAGTAAAAACCTGGTGTCTATGAAT
TCCCAGCCAGCCTTGGTGGAGAGTCTTGAACCTACCAAAATACCAATTCTATCCTGGGA
GTTGATGACGAGGTGCTTGTCTGAAGGATCCCCAGTTCCTGTCTTCAGTGCCTGATGTG
ACACATCACTGGTGACCATGCAGTCAGGAGGCAATCATATGAAGTTTCTGTCTTAACT
GCAGTAAATCCACAAGAGTTACTAAACCAAGGAGATTTAACTGAAAGACGGACATGA

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Clone variation with respect to NM_021188.2
1269 t=>c

5' Read Nucleotide Sequence: >OriGene 5' read for NM_021188 unedited

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CAAATTTTGTATACGACTCCTATAGGCGGCCGCGACATTCGCACGAGGACCGACTGACGG
CCGGCCGGCTTCCCGAACTGGAAGGTTACATTGATTACCCACCTAGTACAACATCTTAC
GGGAAGAGCATAGTATTTCTAGAGGAATATGAACATAACAGGAAGGTATCATTGGCTCT
GAATTAATTTGAACTTGTCCCCTGAATAGCTACAGGTTTTGGAAGCTGAATCAATGTTA
TCAGATGAGTTAGAATCCAAACCAGAGCTCCTGGTACAGTTTGTTCAGAATACGCCATC
CCATTGGGACAGGGGCTTGTAGAATCAGAAGCTAAAGATATTACTTGCTTGTCCCCTCTT
CCCGTGAAGCCTCAGAATGCAGTCGGCTAATGTTACCAGATGATACTACAAATCAT
TCTAACTCCTCCAAGGAGTCCCTTCTCAGCTGTTTTGAGAAGCCTTCGGGTGAATGTG
GGTCCAGACGGAGAGGAGACGAGAGCTCAGACTGTACAGAAATCCCCGGAGTTTTTGTCC
ACTTCAGAGTCTTCTAGCTTGTGCAAGATCTACAGCCAAGTGATAGCACTTCTTTTATT
CTTCTTAACTAACAGAGCAGGCTGGGCTCTTAGCTGAGCACTTAGTGTTTGACAGGA
TGANGCAGAAGATCAGGGAATGATTTCTCTCCATGAGACACAGAAGTAGCATTCCATGT
NTCTNCGGTTCCAGGAATTTGCCATGACAGTTTGATTGCTGCTACTCGTGCACACTGGC
AAAGATGCANAAACAGCACATGGAGAAAAGTCAACCTTGGTTTGGTGTGGCAGCAAAAT
ACCTGGGCCCTTCTCAGTGAAGAACTTAGTGACCNTTAAAGTTGGGACCGACTTTGAT
GGCCGCTATTTAAACCCCTAGACATGAAGGAC

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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 (2) lacks an alternate in-frame exon 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 (b) has a distinct C-terminus and is shorter than isoform a.