

Product datasheet for **MC205784**

Zfp410 (NM_144833) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp410 (NM_144833) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp410
Synonyms:	Apa1; D12Ertd748e; Znf410
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021528
 CCACGCGTCCGCGGACGCGTGGGCGGGATTCGGGGCTGACTGACGGACGGACGGCTGCCCGAGACTGGAA
 GGTAAATTGATTACCAACCTAGTTCAGCATCTTACAGGAAAAGTGAATGCTTTTTAAAGGGATATGAA
 TATAACAGGAAGGTGTCATTGACTGAATTAGACTTGAACCTGTCCTGATCAGCTACAGGATTTCCAGAAG
 CTGAATCAATGTTATCAGATGAGTTAGAATCCAAACCAGAGCTCCTGGTTCAGTTGTTCCAGAATACCTC
 CATCCCCCTGGGACAAGGGCTAGTAGAATCAGAAGCTAAAGACATTACTTGCTTATCCCTCCTCCAGTG
 ACCGAGGCCTCAGAATGCAGCCGACTAATGTTACCAGATGAAACTCCAAATCATGCTAATTCCTCCAAGG
 AGGTCCTTCTTTCAGCTGTTTTGAGGAGCCTTCAGGTGAATGTGGGCCAGACGGAGAAGAGACAAGGGC
 TCAGACTGTACAGAAGTCCCCAGAGTTCCTGACCACACCAGAGTGCCTAGCTTGTGCAAGATCTACAG
 CCAAGTGATAGCACTTCCTTCATTCTTCTGAACCTAACGAGAGCAGGGCTGGGCTCTCAGCTGAGCACT
 TTGTGTTTGTTCAGGATGAGACAGAGGACTCAGGGGCTGACTTCCTCTCTGCTGAGAGCACAGACAGCAG
 TATCCCATGGTTCCTCCGGTTCAGGAACTGGCCCATGACAGTCTGATTGCGGCTACTCGTGACAGCTG
 GCCAAGAATGCAAAAACCTGGCAGCAATGGAGAAAATGTCCACCTGGCTCTGGTGTGGGCAACCAAAAAG
 ACTCTGGTCCCCTCCTCAAGCGGAGAAGAAGCTCAAGTGCACAGTTGAAGGCTGTGACCGGACATTTGT
 GTGGCCAGCTCACTTCAAGTACCACCTTAAAACCTACCGAAATGAGCGCTCCTTCATCTGCCCTGCAGAA
 GGTGTGGGAAAAGCTTTTATGTGCTGCAGAGGCTGAAGGTGCACATGAGGACACACAATGGGGAGAAAAC
 CCTTTATGTGCCACGAGTCTGGGTGTGGTAAGCAGTTCACCTACAGCTGGGAACTGAAGAACCACGGCG
 CATCCACACAGGAGAGAAGCCTTTTCTCTGTGAAGCCAGGGATGTGGCCGTTCTTTGCTGAGTATTCA
 AGCCTCCGAAAACATCTGGTAGTTCACCTCAGGTGAGAAGCCTCATCAGTGCCAGGTCTGTGGGAAGACCT
 TCTCTCAGAGTGGGAGTAGGAATGTGCATATGAGAAAAGCATCACTTGCAGCTGGGACAACCTGGGAGTCA
 AGAACAGGATCAAACCGCCGAGCCACTAATGGGCAGTAGTTTGTGTTGAAGACGCTTCAGTTCCCAATAAA
 AACCTGGTGTCTATGAATCCCAGTCCAGCCTTGGTGGAGAGTCTTGAATCTATCAAATACCAATTCTA
 TCCTTGGAGTTGATGATGAGGTGCTTACTGAAAGAGCCTCACGGCCCCTGTCTTGTGCCTGATGTGAC
 ACATCACTTGGTGACCATGCAGTCAGGGAGGCAGTCTATGAAGTTTCTGTCTTAACTGCGGTAATCCG
 CAGGAGTTACTAAACCAAGGAGATTTAACTGAAAGACAGACATGAGTGTGCTGACTCCTGGAGATGCTGT
 TGTCTGATCCCAGAGTGCATGATGGGAACAGATCCAAAGGCTCATAATCTGCCAGAACTAAAAGGAGTCT
 GAAGGACCAAGACCTTGCCTTGCCTCTGTTGTCTGAGGGCTCTCTCAACCTCCACCGATGCAGTCCAAG
 AGTGAAGCAGTGGCCGTGGGCTGGATACCTGTGCCGCTCTCTCCTCAGCGCAGCGTTTGGGAGTAGACT
 TGCCAAGAGCAGGTTTAAATTATGTGTTGGCTGAAGATTTTCATTGTGACTGTCAAGGTTTCTTTGAAG
 AGTTTTACCCCTAGGCCAGCTATCTTTCCATATGGTTGAATTATGTCCTGCTTCCAACCAGAACACTGA
 GTTTTCAAGATGCCTTGTGCTTTGAAGAAGGGAGGGGTGCCAATTACACTGTAGCATTGCACTCTCCCT
 TTAGCAACCTGAGTAAGACTTAGCCTTTGGGCTGTAAAAATTAATTAATTAATTAATTAATTAATTAAT
 GCTGAGGTACCAACTTACCCTGTACACTTTGACTTGGTCAATTTTTTTGTTTTGTTTTATGGGACTTAAAT
 AGCATGTTATCAGGGGTTTTATTTGTTGTTGTTTTTTTTTAAAGTAAAAACCATGATCTAGAGT
 TTGTTTTCTTTTAAATAAACAAAAACAACCTAGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144833

Insert Size: 1437 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).

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: [BC021528](#), [AAH21528](#)

RefSeq Size: 2399 bp

RefSeq ORF: 1437 bp

Locus ID: 52708

UniProt ID: [Q8BKX7](#)

Cytogenetics: 12 39.15 cM

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 (1) encodes the longest isoform (1).