

## Product datasheet for **MC227178**

### Zfp410 (NM\_001252583) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zfp410 (NM\_001252583) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zfp410  
**Synonyms:** Apa1; D12Ertd748e; Znf410  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227178 representing NM\_001252583  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTATCAGATGAGTTAGAATCCAACCAGAGCTCCTGGTTCAGTTTGTTCAGAATACCTCCATCCCC  
 TGGACAAGGGCTAGTAGAATCAGAAGCTAAAGACATTACTTGCTATCCCTCCTCCAGTGACCGAGGC  
 CTCAGAATGCAGCCGACTAATGTTACCAGATGAACTCCAATCATGCTAATTCCTCCAAGGAGTCCCT  
 TCTTCAGCTGTTTTGAGGAGCCTTCAGGTGAATGTGGGCCAGACGGAGAAGAGACAAGGGCTCAGACTG  
 TACAGAAGTCCCCAGAGTTCCTGACCACACCAGAGTCGCCTAGCTTGTGCAAGATCTACAGCCAAGTGA  
 TAGCACTTCCTTCATTCTCTGAACCTAACGAGAGCAGGGCTGGGCTCTTCAGCTGAGCACTTTGTGTTT  
 GTTCAGGATGAGACAGAGGACTCAGGGGCTGACTTCCTCTCTGCTGAGAGCACAGACAGCAGTATCCCAT  
 GGTTCTCCGGGTTCAAGAACTGGCCATGACAGTCTGATTGCGGCTACTCGTGACAGCTGGCCAAGAA  
 TGCAAAAACCTGGCAGCAATGGAGAAAATGTCCACCTTGGCTCTGGTGATGGGCAACCAAAAGACTCTGGT  
 CCCCTTCCTCAAGCGGAGAAGAAGCTCAAGTGACAGTTGAAGGCTGTGACCGGACATTTGTGTGGCCAG  
 CTCACTTCAAGTACCACCTTAAACTCACCGAAATGAGCGCTCCTTCATCTGCCCTGCAGAAGGTTGTGG  
 GAAAAGCTTTTATGTGCTGCAGAGGCTGAAGGTGCACATGAGGACACACAATGGGGAGAAACCCCTTTATG  
 TGCCACGAGTCTGGTGTGGTAAGCAGTTCACTACAGCTGGGAACCTGAAGAACCACCGGCGCATCCACA  
 CAGGAGAGAAGCCTTTCTCTGTGAAGCCAGGGATGTGGCCGTTCTTTGCTGAGTATTCAAGCCTCCG  
 GAAACATCTGGTAGTTCACTCAGAGCTGGAGATTGAACCCAGGGCCTCGCGTGT**GTAG**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001252583



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<b>Insert Size:</b>	1038 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001252583.1</a></u> , <u><a href="#">NP_001239512.1</a></u>
<b>RefSeq Size:</b>	2266 bp
<b>RefSeq ORF:</b>	1038 bp
<b>Locus ID:</b>	52708
<b>UniProt ID:</b>	<u><a href="#">Q8BKX7</a></u>
<b>Cytogenetics:</b>	12 39.15 cM
<b>Gene Summary:</b>	<p>Transcription factor that activates transcription of matrix-remodeling genes such as MMP1 during fibroblast senescence.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks several exons and includes an alternate 3' terminal exon, compared to variant 1. The resulting isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.</p>