

Product datasheet for **MC206477**

Zfp422 (BC018339) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp422 (BC018339) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp422
Synonyms:	Krox26, Krox25, KOX15, Krox-26, Krox-25-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018339
 CCGACGCGTGGGCGGACGCGTGGGTTCCGAGTTGCGTCACTCTAGGATATGAGACCTTAGTTCAGAAGTT
 CAGAAGACAGTAGGATCTCTTGCCGACACATTTGCCTACTCACCATGAGGTTAGGAAAGCCAAAGGGGG
 TATTTCTCGAAGCGCCAGCCAAGGAAAAGCCTATGAGAGCAAGCGCAAGACAGCCCGCCAGCGACAGAAA
 TGGGGGTGGCCATTGCTTTCGACTCGGGCTTGTAGTCGACGGAGAAGAACGTGGACGAGAAGCCTTACA
 AGTGTGCTAAATGCTCCAAGAGTTTCAGTCAGAGCTCCACGCTCTTTTCAGCACAAGAAGATCCATACTGG
 GAAGAAATCCCAATAAATGTGCCGATTGTGGGAAAAGTTTCTTTTCAGAGTTCTAACCTCATCCAGCACCGG
 CGGATCCACACGGGGAAAAGCCCTATAAGTGTGACGAGTGTGGAGAGAGATTCAAGCAGAGCTCCAATC
 TCATCCAGCACCAGAGGATCCACACCGGCGAGAAGCCCTACTGCTGTGATGAGTGTGGCCGGTGCTTTAG
 CCAGAGTCCCACCTCATTGACGACCAGAGAACCACACCGGAGAGAAGCCCTACCAGTGTGAGGAGTGT
 GACAAGTGCTTCAGCCAGAGCTCCCATCTGAGGCAGCACATGAAGGTGCACAAAGAAAAGAAGCCACATA
 AGAGGGGCAAAAATGCCAGGGTGAAGAACTACCCGGTGTCTGGAAAAGGGGCAAGGGAGGAAGCGGT
 GGCTGGGATCCGCCAGGTAAAGGGAGCCACTCCCGCCTTTTTAAAAAGAAGAAGTAAAGGTAGAGGAG
 AAAGCCGCTCCGAAGAGTGGATGCTTTACAGTAGAGCACTTAGATACCGCTCCTCCCTAGCATGGAGACT
 TCAGGAGTTTCATGACAGTGCCTGAAACTCTGAGTCTAGCTGCCCTCATTTCCTTTAAAAATAAATAAA
 TTTATGTGACATGGAGCAGAAAGAACTGAAACAATAGTTTGGTAAGAATTAATATTCTTAGCCTCAGTT
 GAAATCGCTTCCCTCCATTTTGATAAAAAGAATCATGTTTTATGATCCACTGGCGTGCCATGATTACT
 CTTATTTTTCGGAATTTCTGTATACGAAATCATTAAAGAAAAGAAGGAATGGGTTCTCAGATTCTAGGATC
 GACTACATTTTATGTTTTAATGTTTTGTAGTTTATTAACCATTAGTATCAGCATTGACTCAGTATTTGA
 CATAGTAAATGCATTCAGATTCATAGATTTTGGTTTTTATTAGTGTATATTGTACGAAGTAATGAGCTT
 CCTTTTCTCCAATGTGTATGAGGTATCTGTATGATGTGCTTTGCTCACACCCACCGTTACCTCGCCAC
 CTCCTCCTGGTTCTCCTTTATCCCAGAGAGTCCCCTCCACTTAAAATGTTGCCCTAGCGTCTGTGAA
 TGACAGACAGTGTGTTGGTTATTTTTCTGCATCCACTTCTGTGCTACTGTAATGTTCTCTAGTTCA
 ATCCATTTCCAAGCAACAGGACTGTGGCTTTTTCTTTTCGTCTCACAGTCTATTGTAGTGTGTTGAAGGC
 TTTAGCGACAACCGCTTTTGTGTTTCTTCTCTGCTATGTTAGTAAAGGGTGAGAAGGTCTCCAT
 GTGGCTTTTCTTTGTTTTGTACTTTTTTGTCTTACCATATTCTTAGAGATGTAAGGAATCCAAAG
 TGAGAAACTGCAGACCTCCTGCTCCTGACCGCACTTCTTGAGATGCTGATGCTGCTACTGCTGCTGCT
 TGCTTTCTTGAATGGGAATGGTTGTGTTGAATCATGCCAGTGGCTCACAGCGTCTACATGAATAAAC
 TCTGTTACCAGGAAACCTCGACTTACTTCTGGCTGAAGAATAACAATGTCATAGACTGAGCTTTGAATAC
 CACCGACTAACTAAAACAGATGTTTATCTACAAGTTACTGGCCAGCACACTGTAGCCCTGTTAGAATTA
 ACTTTTTTCTTTTTTACTTTCTAGCAATGTTTAAAGAAGACTAGCATAATCCTTCTTCCAATGCCAAG
 CATATGTTCTGATCAGCCTTCAGTTTCATTTTTGTTTATTGAATGCTAATGTTTTCTGATTTTTATAATA
 TCAGTTCTTCTGTATTAATGACAATTATCCTTAAAAATAAAGATTAAGATATTTTCGCATAAAAAAA AAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC018339

Insert Size: 714 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: [BC018339](#), [AAH18339](#)

RefSeq Size: 2247 bp

RefSeq ORF: 714 bp

Locus ID: 67255

Cytogenetics: 6 E3

Gene Summary: This gene encodes a putative C2H2 zinc finger transcription factor that may play a role in tooth development. A pseudogene related to this gene is located on chromosome 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]