

Product datasheet for RN202939

Zfp422 (NM_001012745) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Zfp422 (NM_001012745) Rat Untagged Clone

Tag: Tag Free

Symbol: Zfp422

Synonyms: Kox15; Krox-25; Znf22

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN202939 representing NM_001012745
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGGTTAGGAAAGCCTAAGGGGGTATTTCTCGAAGTGCAAGCCAAGGAAAAACCTATGAGAGCAAGC
 GCAAGACAGCCCGCCAGCGACAGAAATGGGGGGTGGCCATTTCGCTTCGACTCAGGGTTAAGTAGACGGAG
 AAGAAACGTGGATGAGAAGCCTTACAAATGTACTAAATGTTCTAAGAGTTTCAGTCAGAGCTCCACTCTT
 TTTCAGCACAAGAAGATCCACTGGGAAGAAATCCATAAATGTGCCGATTGTGGGAAAAGTTTCTTTC
 AGAGTTCTAACCTCATTACGATCGGCGGATCCACACGGGGGAAAAGCCCTATAAGTGCGACGAGTGTGG
 AGAGAGATTTAAACAGAGCTCCAACCTTATCCAGCACCAGAGGATTCACACCGGGGAGAAGCCCTATTGC
 TGCATGAGTGTGGCCGGTGCTTTAGCCAGAGTTCCACCTCATTACGACCCAGAGAACCCACACCGGAG
 AAAAGCCCTACCAAGTGCAGGAGTGTGACAAGTGCTTCAGCCAGAGCTCCACCTGAGGCAGCACATGAA
 GGTGCACAAAGAAAAGAAGTACATAAAAGGGGTAAGTATGCCAGGGCGAAAACACCCGGTGTCTGG
 AAACGTGGTAAGGAAGGAAGGCAGTGGCTGGCTCCGCCAGGTAAGGGAGCCGCTTCGGGCCTTTTCA
 AAAAGAAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012745

Insert Size: 714 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_001012745.1, NP_001012763.1</u>
RefSeq Size:	2400 bp
RefSeq ORF:	714 bp
Locus ID:	360389
UniProt ID:	<u>Q9ERU2</u>
Cytogenetics:	4q42
Gene Summary:	may play a role in tooth morphogenesis [RGD, Feb 2006]