

Product datasheet for **SC115799**

ZNF22 (NM_006963) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF22 (NM_006963) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF22
Synonyms:	HKR-T1; KOX15; Zfp422; ZNF422
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006963, the custom clone sequence may differ by one or more nucleotides

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ATGAGGTTAGCAAAGCCTAAAGCGGGTATTTCTCGGAGCTCAAGCCAAGGAAAGGCCTATGAGAACAAGC
GCAAAACAGGCCGGCAGCGGCAGAAGTGGGGCATGACTATTCGATTTGACTCAAGCTTCAGTAGACTCAG
AAGAAGCTTGGATGACAAACCCTATAAATGACTGAATGTGAAAAGAGTTTCAGTCAGAGTTCAACTCTT
TTTCAACACCAGAAGATCCATACTGAAAGAAATCCCATAAATGTGCTGATTGTGGGAAAAGTTTCTTTT
AGAGTTCTAATCTCATTACGATCGACGGATCCATACGGGGGAAAAGCCCTACAAATGTGATGAGTGTGG
AGAAAGCTTCAAACAGAGCTCAAATCTCATTACGACAGAGAATTCATACTGGAGAAAAACCCTATCAG
TGTGATGAGTGTGGCCGGTGTTCAGCCAGAGCTCCCACCTTATCAACATCAGAGAACCACACTGGGG
AGAAACCCTACCAGTGCAGTGAATGTGGCAAATGTTTCAGTCAGAGCTCTCATCTGAGGCAGCACATGAA
GGTGCATAAAGAAGAGAAGCCTCGTAAAACCCGGGGCAAAAATATCAGGGTGAAGACTCACTTACCCTCT
TGGAAAGCTGGTACAGGAAGGAAGTCTGTGGCTGGTCTCCGTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006963 unedited</p> <pre>CACCATTTGTAATACGACTCACTATAGNNGCGCGCGAAAATTCGGCACGAGGGTGGTG GCTGGTCCCGCGCGAAAATCTGAGCTGTACACCTCTAGGAAATGAAACACTAGTTCAGAA GAAGCCTGTAAACTCTCTTACAAATACATTTGGTTATTACCATGAGGTTAGCAAAGCCT AAAGCGGTATTTCTCGGAGCTCAAGCCAAGGAAAGGCCTATGAGAACAAGCGCAAAACA GGCCGGCAGCGCAGAAGTGGGGCATGACTATTCGATTTGACTCAAGCTTCAGTAGACTC AGAAGAAGCTTGGATGACAAACCTATAAATGTACTGAATGTGAAAAGAGTTTCAGTCAG AGTTCAACTCTTTTTCAACACCAGAAGATCCATACTGGAAAAGAAAATCCCATAAATGTGCT GATTGTGGGAAAAGTTTCTTTCAGAGTTCTAATCTCATTTCAGCATCGACGGATCCATACG GGGAAAAGCCCTACAAATGTGATGAGTGTGGAGACAGCTTCAAACAGAGCTCANATCTC ATTCAGCACCAGAGAATTCATACTGGAGACAAACCTATCCAGTGTGATGAGTGTGGCCG GTGTTTCAGCCAGAGCTCCACCTTATTAACCATTAGAGAACACACTGGGGAGAAACC CTACCAGTGCAGTAAAATGTGGCAAATGTTTTAGTCCAGAGCTCTCATCTGGAGCAGC ACATGAAGGTGCATAAAGAAGAGAAGCCTCGTTAAACCCGGGGCAAAAATATAAAGGT TGAAGACTCATTTACCCTCTTGAAGGCTGGTACACGAAAGAAAGCTTGTGCCTGGTCTC CCGTTAAAATAGGCTTTTTGACAGCTTTTTGAGACCTTCTTAGAAAAAATAAAAGGGA AAAAGGAAGGAATATTTTTATGAAAAAAAAGCTTTTAAATAGAAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006963 unedited</p> <pre>NACCGCGGCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGTATACAAAATATT TCATTTTTTATTTTCATGAATAATTGTCATTAATACAGCAGAAACCGATATGATTATAAA AGATACCAAAAAATCAGAAGAATGTTAGCATTCAATAGAAATTAACCTGAGCTGAGGG CTCATTAGAGTCTGACACTTGGCACCATTCTCATGGAAGTGAAGAAACATGTTTGCCGGA CTCCTTAAACAATTCATGTAACACAGAAAGAGTTAAATTTCAAAGGAGCTACAATGTAC TGACACATTACGACTCTTGTGTTGACAAACATTTAAGCAGGGCTATCCAAAGCTCACAG TCTTGAAGGCAGGGAGGTGTGTAATTTGTAGGTTTTAATTAAGCAGTAAGCAAGCTGAG ATTTTTCTTGGTAAAATAGTTTGTATTCATGTAGATCTAAAAGGCTGGCTCAGTTTGT CAGAGCACAGGAGAAATGCCAGAAGAGGTCAAGGGCATGGGGATGTATCGACATGAATCCA TCCCAACTTGTGGAAAACAAACGACACAGCAGTTACCATCACAAAGAACTCTATTAGTAG GAATAGAAGACTTGAGGTCCAATTCAGTTCTCATTGGATTCTATAGTATCTCTAAGAAT TTGTTAAAAAAAACAAAACAAACAAANACAAAAAAGGGGAATCCTTACTCCTTTTCATTA ACACTGTCCACAAGAGGAGAAAATAAAGACCACTAATATAGATAGGCGCTTACTGAATAA AAATCTGTGAGCCTGGATACATTNTATATGGTGAATCTAGAGTGATAAACCCATGGGTAA TATACTACCAACTTTACAAACAAATCTCATCTGTTGCAGAACTCCAAAAGTGTGAAAAT TGATTTCTCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006963
Insert Size:	2150 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:	<ol style="list-style-type: none">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:	NM_006963.3 , NP_008894.2
RefSeq Size:	2630 bp
RefSeq ORF:	675 bp
Locus ID:	7570
UniProt ID:	P17026
Cytogenetics:	10q11.21
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	Binds DNA through the consensus sequence 5'-CAATG-3'. May be involved in transcriptional regulation and may play a role in tooth formation (By similarity).[UniProtKB/Swiss-Prot Function]