

Product datasheet for **SC115302**

ZNF222 (NM_013360) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF222 (NM_013360) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF222
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115302 sequence for NM_013360 edited (data generated by NextGen Sequencing)

ATGGCAAAGCTCTACGAGGCAGTGACCTTCAAGGATGTGGCTGTGATCTTCACTGAGGAG
GAGCTGGGGCTGCTGGACCCTGCCAGAGGAAGCTGTACCGAGATGTGATGCTTGAGAAC
TTCAGGAACCTGCTCTCAGTGGGAGGCAAGATCCAACTGAGATGGAGACTGTTCCAGAA
GCAGGAACACATGAAGAATTTTCTGCAAGCAAATTTGGGAACAAATTGCAAGTGACTTA
ACCAGGTCTCAAGATACCACCATAAGTAACTCTCAGTTATTTGAACAAGATGACAACCC
TCCCAGATTAAAGCAAGACTATCTACAGTTCACACAAGAGAAAAACCTTTCCAGGGTGAA
AATTGTAAACAGTTCTTCAGTGATGTTTCCTTCTTTGATCTTCTCAGCAGTTATATTCA
GGAGAGAAGTCTCATACCTGTGATGAGTGTGAAAAAGCTTCTGTTACATCTCAGCCCTT
CATATTCATCAGAGGGTCCACATGGGAGTGAAATGCTATAAGTGTGATGTGTGGTAAG
GAATTTAGTCAGAGCTCAGTCTGCAAACTCATCAAAGAGTCCACACTGGAGAGAAACCA
TTCAAATGTGAGCAGTGTGGAAAGGCTTCAGATGTAGATCAGCACTTAAAGTTCATTGC
AAATTACACATGAGAGAGAAACCTTATAATTGTGAGAAATGTGGGAAGGCTTTCATGCAC
AATTTCCAGCTTCAGAAACATCAGAAATTCATACTGGGAGAGCCATTCAAATGTGAA
ATATGTGGTAAGAGCTTCTGTCTTAGGTCAAGTCTTAATAGGCATTGCATGGTCCACACA
GCAGAGAACTGTACAAATCTGAAAAGTATGGAAGAGGTTTCATTGATAGGCTAGATTTG
CATAAGCATCAGATGATTTCATATGGGACAGAAACCATATAATTGTAAAGAATGTGGGAAG
AGCTTCAAATGGTCTCATATCTTTTGGTCCATCAACGAGTCCCACTGGAGAAAAGCCA
TACAAATGTGAGGAGTGTGGGAAGGGCTACATTAGTAAGTCAGGTCTTGACTTCCACCAT
AGAACCCACACGGGAGAGAGATCTTATAACTGTGATAACTGCGGGAAGAGCTTTAGACAT
GCTTCTAGTATTTTGAATCATAAGAACTCCACTGCCAAAGAAAGCCATTGAAATGTGAA
GACTGTGGAAAGAGGCTTGTATGCCGGTCATACTGTAAAGACCAACAAAGAGACCACAGT
GGAGAAAACCCATCCAAATGTGAGGACTGTGGGAAGCGCTACAAGAGGCGCTTGAATCTG
GATATAATTTTATCATTATTTTAAATGACATATA

Clone variation with respect to NM_013360.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013360 unedited
 NGGAAGCGGTCTGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGTC
 ATTTCCACATCTTGCGAGTCCTTCCGAACGAGTCTCCTTTCTTGGGGCTCGCAACCACC
 CAATGATCGATTACAGGAGAAAAGAGCTGGGCGGAGAGCAGAGCCCGACCTTTCTAAAA
 GAGCTGCAGGAAGGGACTTCTTGCTACTGATGGCAAAGCTCTACGAGGCAGTGACCTTC
 AAGGATGTGGCTGTGATCTTCACTGAGGAGGAGCTGGGGCTGCTGGACCTGCCAGAGG
 AAGCTGTACCGAGATGTGATGCTTGAGAACTTCAGGAACCTGCTCTCAGTGGGGCATCAA
 CCATTCCATGGAGATACTTTCCACTTCTAAGGGAAGAAAAGTTTTGGGTGATGGGGACA
 ACAAGCCAAAGAGAAGGGAATTTGGGAGGCAAGATCCAACTGAGATGGAGACTGTTCCA
 GAAGCAGGAACACATGAAGAATTTCTGCAAGCAAATTTGGAACAAATTGCAAGTGAC
 TTAACCAGGTCTCAAGATACCACCATAAGTAAGTCTCAGTTATTTGAACAAGATGACAAC
 CCCTCCCAGATTAAGCAAGACTATCTACAGTTCACACAAGAGAAAAACCTTTCCAGGGT
 GAAAAATGTAAACAGTTCTTCAGTGATGTTTCTTCTTTGATCTTCTCAGCAGTTATAT
 TCAGGAGAGAAGTCTCATACCTGTGATGAGTGTGAAAAAGCTTCTGTTACATCTCAGCC
 CTTTCATATTCATCAGAGGGGTACATGGGGAGTGAAATGCTATAAGTGTGATGTGTGG
 TAAGGAATTTAGTCAGAGCTCACGTCTGCAAACTCAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_013360 unedited
 CTGTGGACCGGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTCAGGTGAAAT
 TAAACTGATTTAATCAGCACACATTATATACATGTATCAAATTCACACTCCATAAATAT
 GTATAACTTATATGTCATTTAAAAATAATGATAAAATTATATCCAGATTCAGCGCCTCT
 TGTAGCGCTTCCACAGTCTCATTGGATGGGTTTTCTCCACTGTGGTCTCTTTGTT
 GGTCTTTACAGTATGACCGGCATACAAGCCTCTTCCACAGTCTTCACATTTCAATGGCT
 TTCTTTGGCAGTGGAGTTTCTTATGATTCAAAATACTAGAAGCATGTCTAAAGCTCTTCC
 CGCAGTTATCACAGTTATAAGATCTCTCTCCCGTGTGGTTCTATGGTGGAAAGTCAAGAC
 CTGACTTACTAATGTAGCCCTTCCACACTCTCATTGTATGGCTTTTCTCCAGTGT
 GGACTCGTTGATGGACAAAAGATATGAGGACATTTGAAGCTCTTCCACATTCTTTAC
 AATTATATGGTTTCTGTCCCATATGAATCATCTGATGCTATGCAAACTAGCCTATCAA
 TGAAACCTCTTCCATACTTTTTCAGATTTGTACAGTTTCTCTGCTGTGGACCATGCAAT
 GCCTATTAAGACTTGACCTAAGACAGAAGCTCTTACCACATATTTACATTTGAATGGCT
 TCTCCAGTATGAATTTCTGTGATGTTTCTGAAGCTGGAATGTGCATGAAAGCCTCCAC
 ATTTCTCACAAANTATAGGTTTCTCTCATGTGAATTTGCAATGAACCTTAAGTGTGA
 TCTACATCTGAGCCTTTCCACACTGCTCACATTTGAATGGTTCTCTNAGTGTGACTCTT
 TGATGATTTGCAGAGTGAGCTTGACTAATCCTTACCACCACATAACTTATGCATTCACTC
 CAGTGGACN

Restriction Sites:

NotI-NotI

ACCN:

NM_013360

Insert Size:

1790 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:	<u>NM_013360.1</u> , <u>NP_037492.1</u>
RefSeq Size:	1595 bp
RefSeq ORF:	1356 bp
Locus ID:	7673
UniProt ID:	<u>Q9UK12</u>
Cytogenetics:	19q13.31
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has multiple differences in the coding region but maintains the reading frame, compared to variant 1. This variant encodes isoform 2 which is 40 aa shorter than isoform 1.