

Product datasheet for **SC308938**

ZNF221 (NM_013359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF221
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>SC308938 representing NM_013359. Blue=Insert sequence Red=Cloning site Green=Tag(s) <pre> GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGATTTACCTTCACTTGAAGTCTTCATTGAGGACTCTGCAAAATTCCTGAAGTAGAAGGAAAAATG ACCACATTCAGAGGAGGAGTACATTCAGGATGTGGTGTGGTCTTCACTGAGGAGGAGCTGGGGCTG CTGGACCTGCCAGAGGAAGCTGTACCGAGATGTGATGCTAGAGAACTTCAGGAACCTGCTCTCAGTA GGGAATCAACCATTCACCAAGATACTTTCCACTTCTTAGGGAAGGAAAAGTTTGGAGATGAAGACA ACAAGCCAAGAGAAGGGAATTCAGGAGGCAAGATCCAAATGAGATGGAGACTGTTCCAGAAGCAGGA CCACATGAAGAGTGGTCTGTGAGCAAAATATGGGAACAAATGCAAGTGACCTAACCAAGTCTCAAAAC TCCATAAGGAACAGCTCTCAGTTCTTCAAGAAGGTGATGTCCCCTGCCAGATTGAGGCAAGACTATCT ATAAGTCACGTGCAACAGAAACCTTACCGTTGAATGAATGTAACAGTCTTCAGTGATGTTTCTGTG TTTGATCTTCATCAACAATCACACTCAGGAGAGAAATCTCATACATGTGGTGAGTGTGAAAAAGCTTC TGTTACAGCCAGCCCTTCATATTCATCAGAGAGTCCATATGGGAGAAAAATGCTATAAGTGTGATGTG TGTGGTAAGGAATTTAATCAGAGCTCACATCTGCAAACTCATCAGAGAGTCCATACTGGAGAGAAACCA TTCAAATGTGGCAATGTGGGAAAGGCTTCCATAGTAGATCAGCACTTAATGTTTCATTGCAAAATGCAC ACAGGAGAGAAACCTTATAATTGTGAGGAATGTGGGAAAGCCTTCATTCATGATTCACAGCTTCAAGAA CATCAGAGAATCCATACTGGGAGAGCCATTCAAATGTGATATATGTGGTAAGAGCTTCCGTGTTAGA TCAAGACTTAATAGGCATTCCATGGTTCACACAGGAGAAAAACCATTGATGTGATACATGTGGCAAG AACTTTCGTGAGAGATCAGCACTTAATAGTCATTCCATGGTCCACATAGAAGAGAAGCCATACAAATGT GAGCAATGTGGAAGGCTTCATTTGTAGCGAGATTTTGTAAAGCATCAGATGGTCCACACAGGAGAG AAACCATATAATTGTAAGAATGTGGGAAGACCTTCAGATGGTCTCATGTCTTTGAACCATCAGCAA GTCCACAGTGGACAAAAATCCTTCAAATGTGAAGAATGTGGGAAGGGATTTATACAAATTCACGACGA TCTTCCCATCAGAGATCCACAAATGGAGAAAAGCCATATAACTGTGAGGAGTGTGGTAAGGACTATAAA AGGAGGTGGATCTTGAGTTTACCAGAGGGTCCACACGGGTGAGAGACCTATAATTGTAAGGAATGT GGCAAGAGCTTTGGCTGGGCTCCTGTCTTTGAAACATCAGAGACTCCACAGTGGGAAAAACCTTTC AAATGTGAAGAGTGTGGAAGAGATTTACTCAGAGTTCACAACTTCATTCCCATCAGACATGCCATACT GGAGAAAAGCTATACAAATGTGAGCAGTGTGAGAAGGGGTACAACAGTAAATTTAATCTTGACATGCAC CAGAGGGTCCACGGGGAGAGCGACCCTATAATTGTAAGGAATGTGGAAGAGCTTTGGCTGGGCTTCA TGTCTTTGAAACATCAGAGACTCCACAGTGGAGAAAAGCCATTGAAATCTGGAGTGTGGGAAGAGATC TACTCAGAATTCACAGCTTCATTTACATCAGTAAGTCTATGTGGGAGAAAAGCCATATAA ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC </pre>
Restriction Sites:	SgfI-MluI
ACCN:	NM_013359
Insert Size:	1854 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_013359.2</u>
RefSeq Size:	2426 bp
RefSeq ORF:	1854 bp
Locus ID:	7638
UniProt ID:	<u>Q9UK13</u>
Cytogenetics:	19q13.31
MW:	71.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1, 2 and 3 encode the same protein.