

Product datasheet for **SC314174**

ZNF214 (NM_013249) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF214 (NM_013249) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF214
Synonyms:	BAZ-1; BAZ1
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_013249, the custom clone sequence may differ by one or more nucleotides <pre> ATGGCAGTAACATTTGAAGATGTGACTATTATTTTTACATGGGAGGAGTGGAATTCCTG GATTCTTCTCAAAAAGACTCTACAGGGAGGTCATGTGGGAGAACTACACAAATGTCATG TCAGTAGAAAACTGGAATGAGAGCTACAAATCCCAAGAAGAAAAATTCAGATACTTAGAA TATGAAAATTTTTCTACTGGCAAGGCTGGTGAATGCTGGCGCCAGATGTATGAGAAT CAGAACTATGGGAAACTGTTCAAGGGACAGATTCCAAAGACCTCACACAGCAAGATCGT TCCCAGTGTCAAGGAATGGTTAATACTCTCCACACAAGTACCAGGGTATGGGAACATGAA CTGACTTTTGAAAGCAAAAGTCTCAGGAACTTAAATATAAAAATTTATGCCTTGGCAG TCCTTAGAAAAACAAACCCTCAAGACTATGGTAGAGAAATCTACATGAGTGGTTCACAT GGTTTTCAAGGGGGCAGATACCGTCTTGGCATATCCAGGAAAAACCTCTCCATGGAAAA GAACAGAAAGCTCATAGTTCAGCATTCTTATATCCCAAGTGGAGGAAGCCCTTCCACAGTAT GTTGGGGTGATATGTCAAGAAGACCTACTGAGAGATTCAATGGAAGAAAAGTACTGTGGA TGTAATAAATGTAAAGGAATTTATTATTGGAACCTACGGTGTGTTTTCCACAAGAGAAAT CAACCTGGAGAAAACCTCTGTCAATGCTCCATCCGTAAAGCATGCTTCTCTCAGAGATCA GACTTGTATAGACATCCAAGAAACCACATAGGTAGAAGCTGTACGGATGTGATGAAGTT GACGGTAACCTTTCATCAGAGCTCCGGAGTTCATTTTCATCAGAGAGTTCACATAGGGGAG GTACCTTAGCTGTAATGCATGTGGTAAGAGCTTCAGCCAGATCTTAGTCTTCACAAAT CATCAAAGAGTCCACACAGAAGAGAAATCTATAAAATGAGTGTGATAAAGACCTCAGT AGAAATTCATTACTTCACATTCACCAGAGACTTCACATAGGAGAGAAGCCTTTTAAATGT AATCAGTGTGGTAAGAGTTTTAATCGGAGTTCAGTACTTCATGTTTCATCAGAGAGTCCAC ACAGGAGAAAAACCATATAAGTGTGATGAGTGTGGTAAGGGTTTCAGCCAGAGCTCAAAT CTTCGAATTCATCAGTTAGTACACACAGGAGAGAAGTCTTATAAATGTGAAGACTGTGGT AAAGGCTTTACCCAGCGCTCAAATCTTCAAATTCATCAGAGAGTGCATACAGGAGAGAAA CCTTATAAATGTGATGACTGTGGAAGGACTTTAGTCACAGCTCAGATCTTCGCATTCAT CAGAGAGTCCATACAGGGGAGAAACCTATACTTGCTGAATGTGGGAAGGGCTTCAGT AAGAGTTCAAAGCTTCACACTCATCAAAGAGTACATACTGGAGAGAAACCTACAAATGT GAAGAGTGTGGCAAGGGATTTCAGTCAGCGTTCACATCTTCTCATTTCATCAGAGAGTCCAT ACAGGAGAAAAAGCCCTATAAATGTCATGATTGTGGAAGGGTTTTAGTCACAGTTCTAAT CTTCACATTCATCAGAGGGTCCATACAGGAGAGAAGCCTTATCAATGTGCTAAGTGTGGT AAAGGTTTCAGTCATAGCTCAGCTCTTCAATTCATCAAAGAGTCCATGCAGGAGAGAAA CCTTACAAATGCCGTGAATATTATAAGGGATTTGATCATAATTCACATCTTCACAATAAT CATAGAAGAGGAAACTTA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_013249
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.
RefSeq:	<u>NM_013249.1, NP_037381.1</u>
RefSeq Size:	2628 bp
RefSeq ORF:	1821 bp
Locus ID:	7761
UniProt ID:	<u>Q9UL59</u>
Cytogenetics:	11p15.4
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	This gene is expressed predominantly in the testis and encodes a zinc finger protein that contains an N-terminal kruppel-associated box A (KRABA) domain and twelve zinc finger domains. This gene is located within one of three regions on chromosome 11p15 associated with Beckwith-Wiedemann syndrome, called Beckwith-Wiedemann syndrome chromosome region-2 (BWSCR2), and is thought to play a role in the etiology of this disease. [provided by RefSeq, Aug 2017]