

Product datasheet for **SC322686**

ZNF364 (RNF115) (NM_014455) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF364 (RNF115) (NM_014455) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF364
Synonyms:	BCA2; ZNF364
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322686
GAGGGACGGGCCGGCTGCCCTCTCGGACGGCCGGCGGAGGGCAAAAATGGCGGAGGCT
TCGGCGCCGGGGCGGACTCGGGCGCGCTGTAGCCGCCACCGGTTTTTCTGCCACTTT
TGCAAGGCGGAGGTCAGCCCAAACCTACCGGAATATATATGTCCAGATGTGAATCAGGC
TTTATTGAAGAAGTGACAGATGATTCCAGTTTTTTAGGTGGTGGCGGAGTCGGATAGAC
AATACCACAACAACACATTTTGCAGAGCTTTGGGGCCATTTGGATCACACGATGTTTTTT
CAAGATTTTAGACCCTTTCTAAGTAGCAGTCCACTGGACCAAGATAATAGAGCCAATGAA
AGGGGTCAACAGACTCACACTGACTTCTGGGGAGCAAGACCTCCACGGTTGCCATTGGGT
CGGAGATACAGATCTCGAGGAAGTTCTCGTCCTGACAGATCTCCAGCTATTGAAGGAATA
CTACAACACATCTTTCAGGATTCTTTCGAAATCTGCCATTCTGGATCTCCACACCCT
TTTTCTGGAGCGGGATGCTGCACTCCAACCCTGGGGACTATGCCTGGGGTCAGACAGGG
CTTGATGCCATTGTAACCCAGCTTTTAGGACAACCTGAAAAACACAGGCCCTCCCCAGCT
GACAAGGAAAAGATCACATCTCTTCCAACAGTGACAGTAACTCAGGAAACAAGTTGATATG
GGTTTAGAGTGTCCAGTATGCAAAGAAGATTACACAGTTGAAGAGGAAGTCCGGCAGTTA
CCTTGCAATCACTTCTTTCACAGCAGTTGTATTGTGCCGTGGCTAGAAGTGCATGACACA
TGTCTGTATGTAGGAAGAGCTTAAATGGTGAGGACTCTACTCGGCAAAGCCAGAGCACT
GAGGCCTCTGCAAGCAACAGATTTAGCAATGACAGTCACTACATGACCGATGGACTTTC
TGAAGCTAAAGACCACACCTGAATCAGGGCTGTGGTAATCATCTTACCATAGCTGAAAT
TGTATCAAAAACAAAAAATTAGTAGATGGATTTAGGAATATGTAAGAACTCAACACATAA
TATAAATGCAATGAATGTTTTTCTTTAAATTTAAAGTTAGTATCTACAGATGGAATT
GTATCTACAACCAAATGCCTCTTATCCCTGAATTCAGAGTGATAATTTTATAAGTGTGAA
ACTTAATTATGTAGGGCTCCCCCGTCTGAATAGAATTAATTCCTTAAAGTCTAGTTAGG
GTCCTGTGTCTGTCATGTTGCCTTGTAACGGATGTTTCCACCTCCTTCTCAACCTCTA
CCCCACCATTAGTGTATTTTACTATAAAAAACAGTGAACCACAGCCCTAAAGTCTGCTG
ATATAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_014455
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:	<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:	<u>NM_014455.1, NP_055270.1</u>
RefSeq Size:	1629 bp
RefSeq ORF:	915 bp
Locus ID:	27246
UniProt ID:	<u>Q9Y4L5</u>
Cytogenetics:	1q21.1
Protein Families:	Druggable Genome
Gene Summary:	E3 ubiquitin-protein ligase that mediates E2-dependent, 'Lys-48'- and/or 'Lys-63'-linked polyubiquitination of substrates and may play a role in diverse biological processes. Through their polyubiquitination, may play a role in the endosomal trafficking and degradation of membrane receptors including EGFR, FLT3, MET and CXCR4.[UniProtKB/Swiss-Prot Function]