

## Product datasheet for **SC107572**

### 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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107572 sequence for NM_014455 edited (data generated by NextGen Sequencing)

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ATGGCGGAGGCTTCGGCGCCGGGGCGGACTCGGGCGCCGCTGTAGCCGCCACCGGTTT
TTCTGCCACTTTTGAAGGCGAGGTCAGCCCCAACTACCGGAATATATATGTCCAGAG
TGTGAATCAGGCTTTATTGAAGAAGTGACAGATGATTCCAGTTTTTTAGGTGGTGCGGC
AGTCGGATAGACAATACCACAACAACACATTTTGCAGAGCTTTGGGGCCATTTGGATCAC
ACGATGTTTTTTCAAGATTTTAGACCCTTTCTAAGTAGCAGTCCACTGGACCAAGATAAT
AGAGCCAATGAAAGGGTACCAGACTCACACTGACTTCTGGGGAGCAAGACCTCCAGG
TTGCCATTGGGTCGGAGATACAGATCTCGAGGAAGTTCTCGTCTGACAGATCTCCAGCT
ATTGAAGGAATACTACAACACATCTTTCAGGATTCTTTCGAAATCTGCCATTCCTGGA
TCTCCACACCCTTTTCTGGAGCGGGATGCTGCACTCCAACCCTGGGGACTATGCCTGG
GGTCAGACAGGGCTTGATGCCATTGTAACCCAGCTTTTAGGACAAGTGGAAAACACAGGC
CCTCCCCAGCTGACAAGGAAAAGATCACATCTTCCAACAGTGACAGTAACTCAGGAA
CAAGTTGATATGGGTTTAGAGTGTCCAGTATGCAAAGAAGATTACACAGTTGAAGAGGAA
GTCCGGCAGTTACCTTGCAATCACTTCTTTCACAGCAGTTGTATTGTGCCGTGGCTAGAA
CTGCATGACACATGTCCTGTATGTAGGAAGAGCTTAAATGGTGAGGACTCTACTCGGCAA
AGCCAGAGCACTGAGGCCTCTGCAAGCAACAGATTTAGCAATGACAGTCAGCTACATGAC
CGATGGACTTTCTGA

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Clone variation with respect to NM\_014455.2



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_014455 unedited TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCG GCACGAGGCTTTGGTGCTGGGAGGCGGGCCGACAGGTAGCTGTTGGCGCCCGCGTTTC TGGGCCTGGCCAACTCACGTGACCGACGCGGGCTCTGAAGCGGTGGGCCGACCGAGGCG GCGGCGGCGGCGACGACTGCAGCTCGGGAGGTAGCGGCTGGCGAGGGACGGGCCGGCTG CCCTCTCGGACGGCCGCGGGAGGGCAAAAATGGCGGAGGCTTCGGCGCCGGGGCGGA CTCGGGCGCCGCTGTAGCCGCCACCGGTTTTCTGCCACTTTTGAAGGGCGAGGTGAG CCCAAACCTACCGAATATATATGTCCAGATGTGAATCAGGCTTTATTGAAGAAGTGAC AGATGATTCCAGTTTTTGGTGGTGGCGCAGTCGGATAGACAATACCAACAACACA TTTTGCAGAGCTTTGGGGCCATTTGGATCACACGATGTTTTTCAAGATTTTAGACCCTT TCTAAGTAGCAGTCCACTGGACCAAGATAATAGAGCCAATGAAAGGGGTACCAGACTCA CACTGACTTCTGGGGAGCAAGACCTCCACGTTGCCATTGGGTGCGGAGATACAGATCTCG AGGAAGTTCTCGTCTGACAGATCTCCAGCTATTGAAGGAATACTACAACACATCTTTGC AGGATTTCTGNCAATTCTGCCATTCTGGATCTNCACACCCTTNTCCTGGAGCGGGAT GCTGCACTCCACCTGGNGACTATGCCTGGNGGTCAGACAGGGCTTGATGCCATTGTAC CCAGCTTNTAGGACACTGGGAACACAGGCCCTCCCCAGCTGACAGGAAAAGATCACATC T
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014455
<b>Insert Size:</b>	1700 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_014455.1</a> , <a href="#">NP_055270.1</a>
<b>RefSeq Size:</b>	1629 bp
<b>RefSeq ORF:</b>	915 bp
<b>Locus ID:</b>	27246
<b>UniProt ID:</b>	<a href="#">Q9Y4L5</a>
<b>Cytogenetics:</b>	1q21.1
<b>Protein Families:</b>	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]