

## Product datasheet for **SC319692**

### ZNF649 (NM\_023074) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF649 (NM_023074) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF649
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_023074.2  
 GACTCGCGCCCTCGTCCGCCGCCATAGGCCAGTGCCGGGGTTTAAAGGCCAGGAAAGGAA  
 GCATTCAGGGAATTTAGGTGTAGCCAGAAGAAAATCAGGTCTGGCTCCCCAGAAGCAAG  
 AGAGTTCAAGTGAAGGAAGGAGGAGGTTCTGGATGTGGATGTCATCATTCTGGGAACA  
 CTCTTAAATGGAGACTCAGATTTCTTAGCCAAAATTTAGGGAGGATCCAGAAGAAACCA  
 AGACGAAGCATCCCAGTCTTGGGTATTTCTGAAACAGAAGAAAATGACAAAGGCCAG  
 GAATCACTGACCCTGGAGGATGTGGCTGTGGACTCACCTGGGAGGAGTGCAGTTCCTG  
 AGCCCTGCTCAGAAGGACCTGTACCGGGATGTGATGTTGGAGAACTACAGCAACCTTGTG  
 TCAGTGGGGTATCAAGCCGGCAAACCTGATGCCCTCACCAAGTTGGAACAAGGAGAACCA  
 CTATGGACACTAGAAGATGAAATCCACAGTCCAGCCCACCCAGAAATTGAGAAAGCTGAT  
 GATCATCTGCAGCAGCCCTTGCAAAACCAAAAAATACTGAAGAGGACGGGACAACGCTAT  
 GAACACGGAAGAACTTTGAAATCATATTTAGGTTTAAACCAACCAGAGCAGAAGATACAAC  
 AGAAAGGAGCCTGCTGAGTTTAAATGGAGATGGAGCTTTTCTCCATGATAATCATGAACAA  
 ATGCCTACGGAATTGAATTCCTGAAAGTAGAAAACCCATCAGCACCAAGTCACAATTC  
 CTTAAACATCAGCAAACACACAACATAGAGAAAGCCCATGAATGCACTGACTGTGGGAAA  
 GCTTTCCTCAAGAAGTCTCAGCTCACTGAGCATAGAGAAATTCATACAGGAAAGAAACCC  
 CACGTGTGTAGCTTGTGTGGGAAAGCCTTCTACAAGAAGTACAGGCTCACTGAACACGAG  
 AGAGCTCACAGAGGAGAGAAACCCACGGGTGTAGCTTGTGTGGGAAAGCCTTCTACAAG  
 AGGTACAGGCTCACTGAACACGAGAGAGCTCACAAAGGAGAGAAACCATACGGGTGCAGT  
 GAATGTGGGAAAGCCTTCCCCAGGAAATCTGAGCTTACTGAACATCAAAGGATTCACACG  
 GGAATTAAGCCCCATCAATGCAGCGAATGTGGGAGAGCTTCTCCAGAAAATCACTACTC  
 GTTGTACATCAGCGAACTCATAACAGGAGAGAAGCCTCATAATGCAGTGAATGTGGAAAA  
 GGCTTCATTGAGAAGGCAATCTCAACATACATCAACGAACCTCACACTGGAGAGAAAACCT  
 TATGGATGCATTGACTGTGGCAAGGCCTTCAGCCAGAAGTCTTGCCTTGTAGCACATCAG  
 AGATATCATAACAGGAAAGACTCCCTTTGTATGTCTGAATGTGGGCAACCTGTTACAG  
 AAGTCAGGACTCATTAGACATCAGAAAATTCCTCAGGAGAGAAACCTATAAATGCAGT  
 GACTGTGGGAAAGCCTTCTTACAAGACAATGCTCATTGTACATCACAGAACTCACACG  
 GGAGAGAGACCCTATGGCTGTGATGAGTGTGAGAAAGCTTACTTCTATATGTCTTGCCTT  
 GTTAAACATAAGAGAATACACTCAAGGGAGAAACGGGGGATTCACTGAAGGTGGAAAAT  
 CCTTCCACAGCAAGTCACAGCTTAAGTCCTAGTGAACATGTGCAGGGGAAAAGCCCTGTT  
 AATATGGTAACTGTGGCAATGGTGGCAGGCGAGTGTGAGTTTGCCACATCCTGCATTCA  
 TGATAAACAGTTTGTGTTGACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_023074

**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).

<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_023074.2</a> , <a href="#">NP_075562.2</a>
<b>RefSeq Size:</b>	3176 bp
<b>RefSeq ORF:</b>	1518 bp
<b>Locus ID:</b>	65251
<b>UniProt ID:</b>	<a href="#">Q9BS31</a>
<b>Cytogenetics:</b>	19q13.41
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	Transcriptional repressor. Regulator of transcriptional factor complexes and may suppress SRE and AP-1 transcription activities mediated by growth factor signaling pathways. [UniProtKB/Swiss-Prot Function]