

## Product datasheet for SC331620

### ZNF568 (NM\_001204839) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF568 (NM\_001204839) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZNF568  
**Synonyms:** ZFP568  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331620 representing NM\_001204839.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAAACCTGCTCAAAGAACTTGTATCGAGATGTGATGCTGGAGAACTACAGCAACCTAGTCACAGTG  
 GGCTGTCAAGTCACCAAACCGGATGTGATATTCAGATTGGAGCAAGAAGAGGAGCCCTGGGTGATGGAG  
 GAAGAAATGTTTGGGAGGCACTGTCCAGAACCCAGAAGAGGAGAGAAGCTGCTGTGCGTCTGAAGTGTG  
 GCGGAGGGCTTGAAGTTCAAAGATGTGGTCATTTACTTCTCTCAAAGGAGTGGGAATGCTTGCCTCT  
 GCTCAGAAGGATTTGTACCGAGATGTAATGTTGAAAAATTACGGCAACCTGGTCTTACTGGGCTTTCT  
 GATACTAAGCCAAATGTGATCTCCTTATTTGGAGCAGAAGAAAGAGCCCTGGATGGTTAAGAGGAAGGAG  
 ACAAAGAATGGTGTCCAGATTGGGAGTTTGAAGAGAAAACCAAGAATTTATCTCAAAGGAAAACATT  
 TATGAAATTAGATCACCACAACAGGAGAAGGCCAGAGTTATCAGAGAAATCAGATGCCAGGTGGAGAGA  
 CAACAGGGTCATCAGGAGGGACATTTCCAGACCAGCTGTAATACCATTTACTTCCATGCAGTGCACAGCC  
 CATAGAGAATATCAGTGGCTTACTACTGGAGAGAAATCCTGTGAATGCAGGAAATGTAAGAATGCTTTT  
 AGGTACCAGTCATGTCTTCAACATGAAATAATTCATAATAAGGAAAAAGAACCTGAATGTGGAGAA  
 TGTAGGAAAATCTTTAATAGTGGATCAGACTTGATTAAGCATCAGACGCTTCATGAAAGCAAAAAACAT  
 AGTGAAAATAACAAATGTGCCTTTAATCATGATTCTGGAATTACTCAACCTCAGAGCATTAACTGGA  
 GAGAAACCTCATAAATGTAAGGAATGTGGGAAAGCCTTTTCGTTCCAGCTCACAATTAGTCAGCATCAG  
 AGGATGCATCTTGGTGAGAAACCTATAAGTGTAGGGAGTGTGGGAAAGCCTTTCCATCCACTGCACAG  
 CTTAATCTACATCAGAGGATCCATACTGATGAGAAATACTATGAAAGTAAGGCGTGTGGGAAAGCCTTT  
 ACCCGTCCCTCACACCTTTTTCGACATCAAAGAATCCATACGGGTGAGAAACCCATAAATGTAAGGAA  
 TGTGGAAAGGCTTTTCGTTATGACACACAGCTGAGCCTTCATCAGATAATCCATACTGGTAAAGACGC  
 TATGAATGCAGGGAGTGTGAAAGGTGTACAGTTGTGCCTCACAGCTGAGTCTACATCAAAGAATTCAT  
 ACTGGTGAGAAACCCATGAATGTAAGGAATGTGGGAAAGCCTTTATCTCTGATTACATCTTATTCGA  
 CATCAGAGTGTCCATACTGGGAGAAACCCGTGAAGTGTAAAGGAATGTGGGAAAGTCTTTTCGTCGTGC  
 TCAGAACTTACCCGACATCAGAGAGCTCATACTGGTGA AAAACCCATAGAGTGTAAAGGAATGTGAAAAG  
 GCCTTTACTTGTAGCACAGAACTTGTTCGACATCAAAAAGTTCACACTGGGAGAGACCCATAAGTGT  
 AAGGAATGTGGGAAAGCCTTTTCATTGCAAGGTGAGAACTCACACATCATGAGAGAAGTCACTGGTGA  
 AAACCTACGAGTGTAAAGGAGTGTGGGAAAGCCTTTGGTGGTGGCTCAGAACTTAGTTGA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001204839



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<b>Insert Size:</b>	1716 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>	<u><a href="#">NM_001204839.1</a></u>
<b>RefSeq Size:</b>	2498 bp
<b>RefSeq ORF:</b>	1716 bp
<b>Locus ID:</b>	374900
<b>UniProt ID:</b>	<u><a href="#">Q3ZCX4</a></u>
<b>Cytogenetics:</b>	19q13.12
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	66.6 kDa
<b>Gene Summary:</b>	<p>Has transcriptional repression activity, partially through the recruitment of the corepressor TRIM28 but has also repression activity independently of this interaction. Essential during embryonic development, where it acts as direct repressor of a placental-specific transcript of IGF2 in early development and regulates convergent extension movements required for axis elongation and tissue morphogenesis in all germ layers. Also important for normal morphogenesis of extraembryonic tissues including the yolk sac, extraembryonic mesoderm and placenta. May enhance proliferation or maintenance of neural stem cells.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) has multiple differences in the coding region, compared to variant 1, one of which results in a translational frameshift. The resulting protein (isoform 6) has a distinct C-terminus and is shorter than isoform 1.</p>