

Product datasheet for **SC329088**

ZNF408 (NM_001184751) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF408 (NM_001184751) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF408
Synonyms:	EVR6; RP72
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001184751, the custom clone sequence may differ by one or more nucleotides

```

ATGTCCGCGACCCCTCAACCTTGGCCCAGCCCGCGAGCCGCGCCTGGGCTGGACTTAGGA
TGGAAACCTTCCGGAGAAGGCTGTACGCAGGGCCCTCAAAGACGTCCCACCCGAGCCGACC
CGAGACATCCTCGCTTTAAAGAGCCTTCCCCGGGGCTTGGCCCTTGGCCCTCACTCGCC
AAGGAACAGCGCTTGGGGTCTGGTGTGTGCGGGACCCCTGCAGCCCGCCTGTGTGG
GGGCCGTGGAAGAGGAGTCTGCCTCAAGGAGAAGGGCGAGGGAGTAAAGCCACGGCAG
GAGGAGAACCTGTATTAGGCCATGGGAGACGTGTGTGCCTGTGAGCAGAGTTCTGGC
TGGACTAGCTTGGTACAACGGGGCAGGCTGGAGAGTGAGGGAAATGTGGCCCCAGTGCGG
ATCAGCGAGAGGCTTCATCTGCAAGTGTACCAGCTGGTGTGCCAGGCTCTGAACTGCTG
CTGTGGCCCCAGCCTTCTCTGAGGGCCCAAGTCTCACCCAGCCTGGGCTGGACAAAGAG
GCAGCTGTAGCAGTGGTACAGAAGTGGAGTCTGTGTACAGCAGGAAGTGGCCTCCCCT
GGGGAGGATGCAGCAGAACCTTGCATAGATCCTGGTCCCAGTACCCTCTGGCATCCAG
GCAGAGAAATATGGTGAGCCCTGGACTTAAGTTCCAACCCAGGACCGAATTTCCAAGGAT
AGCCAGCCACTTGGCCATTGCTTCAGGATGGCGACGTGGATGAGGAATGCCCGGCCAG
GCACAGATGCCACCTGAACTTACAGAGCAATTCGGCTACCCAGCAGGACCCAGATGGCAGT
GGAGCCAGTTTCTCATCTTCTGCCAGGGGCACCCAGCCGATGGCTACCTGGCCAAGAAG
TTACACAGCCCCAGTGATCAGTGCCACCCAGAGCAAAGACCCAGAGCCTGGAGCCAG
CAGTCTGGCTTCCCTACACTCTCGCGGAGCCCTCCTGGCCAGCAGGAAGCTCCCCAAAG
CAGGGGCGACGGTACCGGTGTGGAGAGTGTGGCAAGGCATTCTACAGCTGTGCCACCTA
AAGAAGCACGCAATTTGTGCACACGGGCCACAAGCCCTTTCTTTGCACTGAGTGTGGCAAG
AGCTATAGCTCAGAGGAGAGCTTCAAAGCCCATATGCTGGGCCACCGTGGGGTGGGCC
TTCCCCTGTCCACAATGCGACAAGGCCTATGGCACCCAGCGAGACCTCAAAGAGCACCA
GTGGTACATTCAGGTGCCCGGCCCTTTGCTTGTGACCAGTGTGGCAAGGCCTTTGCCCGC
CGGCCCTCCCTGCGGCTGCATCGCAAGACCCACCAGGTGCCAGCTGCCCTGCCCTTGC
CCATGCCCTGTGTGGGCGGCCCTGGCCAACCAGGGCTCCCTGCGGAACCATATGAGG
CTCCATACAGGAGAAAAGCCTTCTGTGCCCGCACTGTGGCCGGCGTTCGTGAGCGG
GGCAACCTGCGTGGGCATTTGCGGCTCCACACCGGGGAGCGTCTTACCCTGCCACAC
TGTGCCGATGCCTTCCCCAGCTGCCTGAACTGCGGGCCATCTCATCTCACACACCGGG
GAGGCCACTTGTGCCCGGTGTGTGGCAAGGCCCTCCGAGACCCACACACGCTCCGAGCT
CACGAGCGCTGCACTCCGGAGAGAGGCCCTTCCCTGTCCCAGTGTGGCCGTGCTTAC
ACGCTGGCCACCAAGCTGCGGCGCCACCTCAAATCTCACTTGGAGGACAAGCCCTACCGC
TGCCCCACCTGTGGCATGGGCTACACCCTCCCGCAGAGCCTCAGGCGGCATCAGCTCAGT
CACCGGCTGAGGCACCCTGCAGCCCACCTCTGTGCCTTCTGCTGCTTCTGAGCCCACT
GTGGTGTCTCTGCAGGCTGAGCCACAATGCTGGACACACAGAGAGGAGGAAGTCTCC
CCCAGGAGGATGTTGTTGAGGTACCATTTAGAAAGCCAGGAGAGTCTTTGTGGT
CCAGAGGAGCCAGATGCCGCCCCAGCCTGGTGTGCTAATCCATAAGGACATGGGCCCTGGC
GCCTGGGCAGAGGTGGTGGAGGTGGAGATGGGCACCTGA

```

Restriction Sites: Please inquire

ACCN: NM_001184751

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_001184751.1, NP_001171680.1</u>
RefSeq Size:	2222 bp
RefSeq ORF:	2139 bp
Locus ID:	79797
UniProt ID:	<u>Q9H9D4</u>
Cytogenetics:	11p11.2
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene contains ten tandem zinc fingers and an N-terminal SET domain, so it is likely a DNA binding protein that interacts with other proteins. In adults, the encoded protein is expressed most highly in retina. Consequently, defects in this gene have been associated with familial exudative vitreoretinopathy (FEVR) and retinitis pigmentosa (RP). [provided by RefSeq, Dec 2016]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform 1.</p>