

Product datasheet for **SC323723**

ZNF408 (NM_024741) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF408 (NM_024741) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF408
Synonyms:	EVR6; RP72
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024741.1
 CTGACCCGGAATGGAGGAGGCGGAGGAGCTGCTCTTGGAGGGGAAGAAGGCGCTGCAACT
 CGCCCGGAGCCGCGCCTGGCCCTGGACTTAGGATGGAACCCCTCCGGAGAAGGCTGTAC
 GCAGGGCCTCAAAGAGCTCCACCCGAGCCGACCCGAGACATCCTCGCTTTAAAGAGCCT
 TCCCCGGGGCTTGGCCCTTGGCCCTCACTCGCCAAGGAACAGCGCTTGGGGTCTGGTG
 TGTCGGGACCCCTGCAGCCCGCCTGCTGTGGGGCCGCTGGAAGAGGAGTCTGCCTC
 CAAGGAGAAGGGCGAGGAGTAAAGCCACGCAGGAGGAGAACCCTGTATTAGGCCATG
 GGGAGACGTGTGCCTGTGAGCAGAGTTCTGGCTGGACTAGCTTGGTACAACGGGGCAG
 GCTGGAGAGTGAGGGAATGTGGCCCCAGTGCGGATCAGCGAGAGGCTTATCTGCAAGT
 GTACCAGTGGTGTGCCAGGCTCTGAACTGCTGCTGTGGCCCCAGCCTTCTCTGAGGG
 CCCAAGTCTCACCAGCCTGGGCTGGACAAAGAGGCAGCTGTAGCAGTGGTGACAGAAGT
 GGAGTCTGCTGTACAGCAGGAAGTGGCCTCCCCTGGGAGGATGCAGCAGAACCTTGCAT
 AGATCCTGGTTCCAGTACCCTCTGGCATCCAGGCAGAGAATATGGTGAGCCCTGGACT
 TAAGTTCCCAACCAGGACCGAATTTCCAAGGATAGCCAGCCACTTGGCCATTGCTTCA
 GGATGGCGACGTGGATGAGGAATGCCCGCCAGGCACAGATGCCACCTGAACTTCAAG
 CAATTCGGCTACCCAGCAGGACCCAGATGGCAGTGGAGCCAGTTTCTCATCTTCTGCCAG
 GGGCACCCAGCCGATGGCTACCTGGCCAAGAAGTTACACAGCCCCAGTGATCAGTGCCC
 ACCCAGAGCAAAGACCCAGAGCCTGGAGCCCAGCAGTCTGGCTTCCCTACACTCTCGCG
 GAGCCCTCCTGGCCCAGCAGGAAGCTCCCCAAAGCAGGGGCGACGGTACCGGTGTGGAGA
 GTGTGGCAAGGCATTCTACAGCTGTGCCACCTAAAGAAGCACGCATTTGTGCACACGGG
 CCACAAGCCCTTCTTTGCACTGAGTGTGGCAAGAGCTATAGCTCAGAGGAGAGCTTCAA
 AGCCCATATGCTGGGCCACCGTGGGGTGGCGCCCTTCCCCTGTCCACAATGCGACAAGGC
 CTATGGCACCCAGCGAGACCTCAAAGAGCACAGGTGGTACATTCAGGTGCCCGGCCCTT
 TGCTTGTGACCAGTGTGGCAAGGCCTTTGCCCGCCGGCCCTCCCTGCGGCTGCATCGCAA
 GACCCACAGGTGCCAGCTGCCCTTGGCCCTTGGCCATGCCCTGTGTGTGGGCGGCCCT
 GGCCAACCAGGGCTCCCTGCGGAACCATATGAGGCTCCATACAGGAGAAAAGCCTTTCCT
 GTGCCCGCACTGTGGCCGGGCGTTTCGTGAGCGGGGCAACCTGCGTGGGCATTTGCGGCT
 CCACACCGGGGAGCGTCTTACCCTGCCACACTGTGCCGATGCCTTCCCCAGCTGCC
 TGAAGTGGCGCCATCTCATCTCACACACCGGGGAGGCCACTTGTGCCCGGTGTGTGG
 CAAGGCCCTCCGAGACCCACACAGCTCCGAGCTCAGAGCGCCTGCACTCCGGAGAGAG
 GCCCTTCCCTGTCCCCAGTGTGGCCGTGTTACAGCTGGCCACCAAGCTGCGGGGCCA
 CCTCAAATCTCACTTGGAGGACAAGCCCTACCGCTGCCCCACCTGTGGCATGGGTACAC
 CCTCCCGCAGAGCCTCAGGCGGCATCAGCTCAGTACCAGCCTGAGGCACCTGCAGCCC
 ACCCTCTGTGCCTTCTGTGCTTCTGAGCCACTGTGGTGTCTCCTGCAGGCTGAGCCACA
 ACTGCTGGACACACAGAGAGGAGGAAGTCTCCCCCGCCAGGGATGTTGTTGAGGTAC
 CATTTCAGAAAGCCAGGAGAAGTGTCTTGTGGTGGCAGAGGAGCCAGATGCCGCCCCAG
 CCTGGTGTAAATCCATAAGGACATGGGCCTCGGCGCCTGGGCAGAGGTGGTGGAGGTGA
 GATGGGCACCTGACAGCTTTGCCCTTGTGCTGACACAGCTCCATAAAGACTCGTGCTTCT
 CAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_024741

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_024741.1</u> , <u>NP_079017.1</u>
RefSeq Size:	2441 bp
RefSeq ORF:	2163 bp
Locus ID:	79797
UniProt ID:	<u>Q9H9D4</u>
Cytogenetics:	11p11.2
Domains:	zf-C2H2
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 (1) represents the longer transcript and encodes the longer isoform (1).</p>