

Product datasheet for **SC321476**

ZNF513 (NM_144631) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF513 (NM_144631) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF513
Synonyms:	HMFT0656; RP58; Zfp513
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_144631.4
 CCATGAATGGAAGCGGCGGCGGCGGAGCGGCCTGAGCTGGGCGCCGGGCCAGGGC
 CCGGGGCTGCCAGGGCCCGCGCCGCTGCATGGGGCGGCCCCGGGCCCTGAGAGGAAG
 GGCAGACAGGCGGGCCGAGATAGGAGGGGCGGGGTCGGGCGGCCGAGGCCGGAGGCGCG
 TCGGGCTGGAGCCGGTACGATGCCCGAAGGAAGCAAAGCCACCCGAGCCCGTAAAT
 GCGAGGGGGTCAAAGTGGATACTGAAGACTCCCTCGACGAAGGACCCGGGGCCCTGGTAT
 TGGAGAGTGATTTGCTACTAGGCCAGGATCTGGAGTTTGAGGAGGAAGAGGAAGAGGAGG
 AAGGCGACGGCAACAGTGACCAGCTCATGGCTTCGAGAGAGACTCGGAAGGAGACTCTC
 TGGGGGCCAGGCCTGGGCTTCCCTATGGGCTGAGCGACGATGAGTCTGGGGCGGCGGG
 CACTAAGTGCGGAGAGTGAAGTTGAGGAGCCAGCCAGGGTCCAGGGGAGGCCAGGGGTG
 AGAGGCCAGGCCAGCCTGCCAGCTGTGTGGGGGCCGACAGGTGAGGGGCCGTGTTGTG
 GGGCAGGAGGGCCGGTGGGGGGCCCTGCTGCCCCACGGCTACTGTACTCATGCCGCC
 TCTGCACCTTCGTGCCACTACTCGAGCCACCTGAAGCGGCACATGCAGACACACAGCG
 GAGAGAAGCCGTTCCGCTGTGGCCGCTGCCCTACGCCTCAGCCAGCTCGTCAACCTGA
 CACGACATACCCGCACCCACACTGGCGAGAAGCCCTACCCTGTCCCACTGCCCTTTG
 CCTGCAGCAGCCTGGGCAACCTGAGGCGCATCAGCGTACCCACGCAGGGCCCCCACTC
 CTCCTGCCCGACCTGTGGCTTCCGCTGCTGACTCCACGACCAGCCCGGCTCCAGTC
 CCACAGAGCAGGAGGGGGCGGTGCCCGGCACCTGAAGATGCTCTGCTCCTTCCAGATT
 TGAGCCTCCATGTGCCACCAGGTGGTGCCAGTTTCTGCCAGACTGTGGGCGAGTGCAGG
 GTGAAGGGGAGGGCCCTCTGCGGGACTGGATCAGAACCACTGCCAGAGCTGCTATTCCTT
 GGACCTGCCGGGGCTGTGGACAAGAGCTGGAGGAGGGTGGGGTGTAGTGGCTGGGAGCTG
 CCATGTGTGGGCGCTGCATGCGAGGAGAGGCTGGAGGGGTGCCAGTGGGGGGCCCCAGG
 GCCCAGTGACAAAGGCTTTCCTGTAGCCTCTGCCCTTTCCTACTACTATCCCAACC
 ACCTGGCCCGGCACATGAAGACACACAGTGGTGAGAAGCCCTTCCGCTGCGCCCGCTGTC
 CTTATGCCTCTGCTCATCTGGATAACCTGAAACGGCACACAGCGCTCCATACAGGAGAGA
 AGCCCTACAAGTGCCCCCTCTGCCCTTATGCCTGTGGCAATCTGGCCAACCTCAAGCGTC
 ATGGTCGCATCCACTCTGGTGACAAACCTTTTCGGTGTAGCCTTTGCAACTACAGCTGCA
 ACCAGAGCATGAACCTCAAACGTCACATGCTGCGGCACACAGGCGAGAAGCCCTCCGCT
 GTGCCACCTGCGCCTATACCACGGGCCACTGGGACAACTACAAGCGCCACCAGAAGGTGC
 ATGGCCACGGTGGGGCAGGAGGGCTGGTCTCTCTGCCTCTGAGGGCTGGGCCCCACCTC
 ATAGCCACCCCTCTGTTTTGAGCTCTCGGGGCCACCAGCCCTGGGGACTGCTGGCAGCC
 GGCTGTCCACACAGACTCATCCTGAACTAGGTCTTCTTCCCATGTTTTATACAGACG
 GACCAGAAGCCACCTTTTTCTCCCCGCTGGCCAGGGGCTCCACACAGACTAACGTAGGC
 ACTATAAGGACCAGCCCAACCCATGGGCGGGGGGCCATATGGACCAGGGGACCTTGC
 CTTGACTGAGGCACTTATGAGCTCAGTGAGAAGGGCCCTGTATTACCTCCACTGCCCC
 CAGGGGCTGTGGACAAACCGGCTGGGGGACTGCCAGCCTCCCACCTGTTTATTTAACTT
 ATTTACAGTGCTTTATAATAAAGGAAACACTAACAAAGCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_144631

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_144631.4</u> , <u>NP_653232.3</u>
RefSeq Size:	2148 bp
RefSeq ORF:	1626 bp
Locus ID:	130557
UniProt ID:	<u>Q8N8E2</u>
Cytogenetics:	2p23.3
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene is a possible transcriptional regulator involved in retinal development. Defects in this gene can be a cause of autosomal-recessive retinitis pigmentosa. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>