OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC331426

ZNF513 (NM_001201459) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: ZNF513 (NM_001201459) Human Untagged Clone

Tag: Tag Free

Symbol: ZNF513

Synonyms: HMFT0656; RP58; Zfp513

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC331426 representing NM_001201459.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGGCTTCGAGAGAGACTCGGAAGGAGACTCTCTGGGGGCCAGGCCTGGGCTTCCCTATGGGCTGAGC
GACGATGAGTCTGGGGGCGGCCGGGCACTAAGTGCGGAGAGTGAAGTTGAGGAGCCAGCCAGGGGTCCA
GGGGAGGCCAGGGGTGAGAGGCCAGGCCCAGCCTGCCAGCTGTGTGGGGGGCCGACAGGTGAGGGGCCG
TGTTGTGGGGCAGGAGGGCCGGGTGGGGGGCCCCTGCTGCCCCCACGGCTACTGTACTCATGCCGCCTC
TGCACCTTCGTGTCCCACTACTCGAGCCACCTGAAGCGGCACATGCAGACACACAGCGGAGAGAAGCCG
TTCCGCTGTGGCCGCTGCCCCTACGCCTCAGCCCAGCTCGTCAACCTGACACGACATACCCGCACCCAC
ACTGGCGAGAAGCCCTACCGCTGTCCCCACTGCCCCTTTGCCTGCAGCAGCCTGGGCAACCTGAGGCGG
CATCAGCGTACCCACGCAGGGCCCCCCACTCCTCCCTGCCCGACCTGTGGCTTCCGCTGCTGTACTCCA
CGACCAGCCCGGCCTCCCAGTCCCACAGAGCAGGAGGGGGCGGTGCCCCGGCGACCTGAAGATGCTCTG
CTCCTTCCAGATTTGAGCCTCCATGTGCCACCAGGTGGTGCCAGTTTCCTGCCAGACTGTGGGCAGCTG
CGGGGTGAAGGGGAGGGCCTCTGCGGGACTGGATCAGAACCACTGCCAGAGCTGCTATTCCCTTGGACC
TGCCGGGGCTGTGGACAAGAGCTGGAGGAGGGTGAGGGTAGTCGGCTGGGAGCTGCCATGTGTGGGCGC
TGCATGCGAGGAGAGGCTGGAGGGGGTGCCAGTGGGGGGCCCCAGGGCCCCAGTGACAAAGGCTTTGCC
TGTAGCCTCTGCCCCTTTGCCACTCACTATCCCAACCACCTGGCCCGGCACATGAAGACACACAGTGGT
GAGAAGCCCTTCCGCTGCGCCCGCTGTCCTTATGCCTCTGCTCATCTGGATAACCTGAAACGGCACCAG
CGCGTCCATACAGGAGAGAAGCCCTACAAGTGCCCCCTCTGCCCTTATGCCTGTGGCAATCTGGCCAAC
CTCAAGCGTCATGGTCGCATCCACTCTGGTGACAAACCTTTTCGGTGTAGCCTTTGCAACTACAGCTGC
AACCAGAGCATGAACCTCAAACGTCACATGCTGCGGCACACAGGCGAGAAGCCCTTCCGCTGTGCCACC
TGCGCCTATACCACGGGCCACTGGGACAACTACAAGCGCCACCAGAAGGTGCATGGCCACGGTGGGGCA
GGAGGGCCTGGTCTCTCTGCCTCTGAGGGCTGGGCCCCACCTCATAGCCCACCCTCTGTTTTGAGCTCT
CGGGGCCCACCAGCCCTGGGGACTGCTGGCAGCCGGGCTGTCCACACAGACTCATCCTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001201459

Insert Size: 1440 bp

View online »

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).
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:	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:	NM_001201459.1
RefSeq Size:	2091 bp
RefSeq ORF:	1440 bp
Locus ID:	130557
UniProt ID:	Q8N8E2
Cytogenetics:	2p23.3
Protein Families:	Transcription Factors
MW:	51 kDa
Gene Summary:	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] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.