

Product datasheet for **SC317653**

ZNF475 (ZFP1) (NM_153688) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF475 (ZFP1) (NM_153688) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF475
Synonyms:	ZNF475
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317653 representing NM_153688. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAACAAATCCAGGGATCAGTTTCATTACGGATGTGACTGTGGACTTTACCCAGGAGGAATGGGAA
 CAACTGGACCCCTCTCAGAGGATCCTATACATGGATGTGATGCTGGAGAATTATAGCAACTTACTTTCA
 GTGGAAGTGTGGAAGGCTGATGACCAGATGGAGAGAGACCACAGAAACCCAGACGAGCAGGCGAGGCAA
 TTTTAAATCTTAAGAACCAACCCCAATTGAGGAAAGAGGCGATCTCTTTGGAAAAGCACTTAATCTG
 AACACAGACTTTGTTTCTTAAGACAAGTACCTTATAAATATGACTTATATGAAAAAAGTTGAAATAT
 AATTCAGACTTGCTTAATAGTAATAGAAGCTATGCAGGAAAGCAGACTGATGAGTGAATGAATTTGGA
 AAAGCACTTCTCTACCTGAAGCAAGAGAAAACCCACAGTGGAGTAGAATATTCTGAATACAATAAAAGT
 GGAAAAGCCCTCAGCCATAAAGCAGCCATTTTAAACATCAGAAAATAAAAAAAGTTGTTCAACCTTTC
 ATTTGACTTACTGTGACAAGGCTTTCTCCTTTAAGTCACTCCTCATTAGTCATAAGAGAATACATACT
 GGAGAAAAGCCATATGAATGCAATGTATGTAAAGAAACCTTCTCCATAAGGCCAACCTCATCAAACAT
 CAGAGAATTCACACTGGGAGAAACCTTTCGAGTGTCCGAATGTGGAAGGCTTTCACCCACAGTCA
 AACCTCATTGTACACAGAGAGCACATATGGAGAAGAAGCCCTATGAGTGCAGTGAATGTGGAAGACA
 TTTGCCAAAAGTTTGAAGTCAACACACAGAGAAATTCATACAGGAGAGCGACCTATGAGTGAAC
 GAATGTGCAAAAACCTTCTTTAAGAAGTCAAACCTTATCATACATCAGAAGATTCACACGGGGGAGAAA
 CGCTATGAGTGCAGTGAATGTGGAATACTTTATCCAGAATCAGAGCTCATCATACATGAGAAT
 CATACAGGAGAGAAACCTATGAATGTACTGAGTGCAGGAAAACCTTTCAGCCAGAGGTCAACTCTTAGA
 TTACACTTGCGAATCCACACAGGAGAGAAACCATATGAGTGTTCCGAATGTGGAAGGCCTTTAGCAGG
 AAGTCCCGACTCAGTGTCCATCAGAGAGTTCACATCGGGGAGAAACCT**GTA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_153688
Insert Size:	1224 bp
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:	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_153688.3</u>
RefSeq Size:	3390 bp
RefSeq ORF:	1224 bp
Locus ID:	162239
UniProt ID:	<u>Q6P2D0</u>
Cytogenetics:	16q23.1
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	47.5 kDa
Gene Summary:	This gene belongs to the zinc finger protein family. Some members of this family bind to DNA by zinc-mediated secondary structures called zinc fingers, and are involved in transcriptional regulation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016] Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1 and 2 encode the same isoform (1).