

Product datasheet for SC313473

ZNF641 (NM_152320) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF641 (NM_152320) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF641
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313473 representing NM_152320. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGCAAGCTGAGGACAGGTCAATTTGGGTCTGCAGCAGAAATGCTTTCAGAACAGACAGCAGCGCTG
 GGGACAGGATGGGAATCAATGAATGTACAGCTGGATGGAGCAGAGCCCCAGGTGGAAAGGGGAAGCCAG
 GAAGAGCGGCCATGGAGAACAGTACCAGGACCTCTGGAGCACCTGTGCTGTGACCTTGAAGAGGAGCCA
 CAGTCCCTTCAGGAGAAGGCTCAGTCTGCTCCCTGGGTTCTGCAATTCAGGAGGGGAACACTGGA
 GACTGGGAGATGGCAGCTGCACCTCTTGGCGCTGGATCACAGGGCCTGGTAACCATCAAGGATGTGTCA
 CTGTGCTTCTCTCAGGAGGAGTGGCGGAGCCTGGACCCCTCTCAGACAGACTTTTATGGAGAATATGTC
 ATGCAGGAAAACTGTGGGATAGTAGTCTCTCTGAGATTTCCAATTCCCAAACTGGACATGCTTTCTCAA
 CTAGAAGGAGGAGAAGAACAATGGGTCCCTGACCCCCAGGACTTAGAGGAGAGGGACATTCTGAGGGTC
 ACATATACAGGAGATGGAAGTGAACATGAGGGGGATACCCCTGAACTAGAAGCAGAACCTCCCAGAATG
 TTATCCAGCGTGTCTGAAGATACTGTTCTCTGGAACCCGGAGCATGATGAGAGCTGGGATTCCATGCCC
 AGCAGCTCCAGAGGAATGCTCCTGGGGCCCCCTTTTCTCAGGAAGATAGTTTCTAAACCTGCTGTGT
 AGCACAGAGATGGATTCCCTGTTAAGACCCACACATGCCCCAGTGTGGGAAACAGTTTGTATGGGGT
 TCCCACCTTGCCAGGCATCAACAAACACACACTGGGAGAGACCTACAGCTGCCTCAAGTGTGAGAAG
 ACCTTTGGGCGAAGACATCACCTCATCAGGCACCAGAAAACCCACCTACATGACAAGACCAGCAGGTGC
 TCTGAGTGTGGTAAGAATTTCCGATGCAACTCCCATCTGGCCAGCCACCAGAGAGTGCATGCAGAAGGC
 AAATCCTGCAAAGGCCAAGAGGTTGGAGAGAGCCCTGGCAAGGAAACGGCAGCGTGCCCCACCACTG
 CCAAAGTGTACGTGTGCACTGAATGTGGGAAGAGCTTTGGCCGAAGGCACCACTTGTGAGACACTGG
 CTGACCCACACTGGGAGAGGCCCTTCCAGTGCCCTCGCTGTGAGAAGAGCTTTGGCCGAAAACATCAC
 CTGGACAGGCACCTGCTCACCCACCAGGGACAAAGTCCCCGGAACAGCTGGGACAGAGGAACATCTGTC
 TTTTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_152320
Insert Size:	1317 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_152320.2</u>
RefSeq Size:	4544 bp
RefSeq ORF:	1317 bp
Locus ID:	121274
UniProt ID:	<u>Q96N77</u>
Cytogenetics:	12q13.11
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
MW:	49.5 kDa
Gene Summary:	Transcriptional activator. Activates transcriptional activities of SRE and AP-1. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).