

Product datasheet for **SC307284**

ZNF445 (NM_181489) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF445 (NM_181489) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF445
Synonyms:	ZFP445; ZKSCAN15; ZNF168; ZSCAN47
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307284 representing NM_181489. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGCCTCCAGGCAGGTGGCATGCTGCCTATCCAGCTCAGGCCAGTCTTCGAGGGAGCGAGGGCGGCTT
CAGACAGTAAAGAAGGAAGAAGAGGATGAAAGCTATACTCCAGTGCAGGCTGCCAGGCCACAGACTCTC
AACCGCCCTGGCCAGGAGCTGTTCCGCCAGCTCTTCAGACAGCTTCGCTACCATGAGTCTTCAGGGCCC
CTAGAAACTCTGAGCCGGCTCCGGAACTCTGTCGCTGGTGGCTGAGGCCTGACGTTCTCTCCAAGGCA
CAGATCCTAGAGCTGCTGGTCTGGAACAGTTCCTGAGCATCCTGCCTGGGAGCTCCGGGTTTGGGTG
CAGCTTCATAACCTGAGAGTGGCGAGGAGGCTGTGGCCTTGCTGGAGGAGCTGCAGAGGGACCTTGAT
GGGACATCCTGGAGGGACCCGGGCCCTGCCAGAGCCCAGATGTGCATTGGATGGGTACAGGAGCCCTG
CGATCTGCACAGATATGGTCCCTTGCTTCACTCTCAGGAGCAGCTCTGCTCTGGGGGACCACCTGGAG
CCTCCCTATGAAATAGAAGCACGTGACTTCCTGGCTGGGCAATCCGATACTCCTGCTGCCAGATGCCT
GCCCTTTTCCCGAGAGAGGGGTGCCCGGAGACCAGGTAAACCAACCAGGTCCCTGACAGCCCAGCTC
CAGGAGACCATGACTTTCAAGGATGTGGAGGTGACCTTCTCCAGGACGAGTGGGGTGGCTGGACTCT
GCTCAGAGGAACCTGTACAGGGATGTGATGCTGGAGAATTATAGGAACATGGCTTCCCTGGTGGGACCA
TTCACCAAACCTGCTCTGATCTCCTGGTTGGAAGCAAGGGAGCCATGGGGCTGAACATGCAGGCAGCT
CAGCCTAAGGGGAATCCAGTTGCTGCTCCTACAGGAGATGACCTCCAGAGTAAACAAACAAATTCATC
TTAAATCAGGAACCTTTGGAAGAAGCAGAAACCTTAGCTGTGCATCAGGATGTCCTGCGCAAGTGTT
TCTGAGGGAATTGGGCTCAGAGAATCTTTTCAACAGAAGAGCAGGCAGAAGGATCAATGTGAAAATCCC
ATACAAGTAAGAGTTAAGAAAGAAGAGACCAATTTCAAGTACAGGACAGGAAAAGACTCTGAAGTATCA
GGAAGTAATAGTCTTGACTTAAACATGTTACATATTTGAGAGTTTCTGGAAGAAAGGAATCCCTTAAA
CATGGCTGTGGCAAACACTTCAGAAATGAGTTACACCACTATGACTACAAGAAATATGGGAAGGGGCTC
AGACACATGATTGGGGGCTTCAGCCTACATCAGAGAATTCATAGTGGACTGAAAGGGAACAAAAAGGAC
GTGTGTGGAAGAACTTCAGCCTTAGCTCTCATACCAACGTGGGCAGAGTCTTCACACAGTGGGAGTG
TCATTTAAGTGCAGTGACTGTGAAGGACTTTCAGTCATAGCTCCCATCTTGCATCATCAGAGACTT



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CACACTCAAGAGAAAGCATTAAATGTAGGGTGTGTGGGAAAGCCTTCCGGTGGAGTTCCAACGTGCGC
 CGGCATGAGAAAATTCACACTGGAGTGAAGCCTTATAATGCGATTTATGTGAGAAAGCTTTCCGACGC
 CTGTACAGCTACCGTCTGCACCGAGAAACCCATGCTAAGAAGAAATTTCTTGAATTGAATCAGTATAGG
 GCAGCTCTCACCTACAGCTCAGGGTTTGTATCATATTTGGGAGACCAAAGTGGGAGAACTCTTTGAC
 TGCAGCCAGTGCAGGAAATCCTTCCACTGTAAGTCATATGTTCTTGAACATCAAAGGATTCACACCCAG
 GAGAAGCCCTATAATGTACCAAATGTAGGAAAACCTTTAGATGGAGATCAAACCTTTACTCGTCATATG
 AGGTTGCATGAGGAGGAAAAATCTACAACAAGATGAATGTCGTGAAGGCTTCAGGCAATCTCCTGAC
 TGCAGTCAGCCCAGGGTGTCCCGCTGTGGAGAAAACATTTCTGTGTCAGCAGTGTGGGAAAACCTTTT
 ACTAGAAAGAAAACCTCTCGTTGACCACCAGAGAATTACACAGGTGAGAAACCTTACCAGTGTAGCGAT
 TGTGGGAAGGACTTTGCCTATAGGTGAGCCTTTATTGTTTATAAGAAGAAGCATGCCATGAAAAGAAAA
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 GAGCCCTACAAATGCAGCCAGTGTGGCAAGGCCTTCCGCAATCACTATTCTCTCATCCATCAGAGA
 GTTCACACTGGAGAGAAGCCATATAAGTGCAGGGAGTGTGGGAAAGCCTTCAGATGGAGTTCCAATCTC
 TACCGACATCAGAGGATTCATCTCTTCAAAAACAGTATGATTGCCATGAAAGTAAAAGACTCCAAAT
 GTGGAGCCAAAAATCCTCACTGGTGAGAAACGTTTTTGGTGTCAAGAATGTGGGAAAACCTTTACACGT
 AAAAGAACCCTTTTAGATCATAAGGGAATACACAGTGGAGAGAAGCGCTATAAATGTAATCTATGTGGG
 AAATCTTATGATAGAAATATCGCCTTGTTAACCATCAGAGGATCCACTCTACAGAGAGACCTTTCAAA
 TGTCAAGTGGTGTGGGAAAGAGTTTATTGGGAGACATACCTTTCCAGTCAACAGAGGAAACACACCAGA
 GCAGCACAGGCTGAACGTAGCCCGCTGCACGGTCTTCTCTCAGGACACAAAGTTGAGATTACAGAAG
 CTAAAACCAAGTGAAGAGATGCCCTCGAAGACTGCAAGAAGCTTGCAGCCAGAGCTCCAGGCTCACT
 GGACTCCAGGACATAAGCATTGGGAAAAAGTGCCACAAATGCAGCATATGTGGGAAAACCTTTTAAACAG
 AGTTCACTCACTCATTAGCCACAAGAGATTTTCACTCGAGAGAGGCCCTTCAATGCAGCAAGTGTGA
 AAGACTTCAGGTGGTCTTCGAACCTGGCTCGGCATATGAAAAACCATATTAGAGATTAG
 ACGCGTAGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfi-MluI
ACCN:	NM_181489
Insert Size:	3096 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_181489.4</u>

RefSeq Size:	10264 bp
RefSeq ORF:	3096 bp
Locus ID:	353274
UniProt ID:	<u>P59923</u>
Cytogenetics:	3p21.31
MW:	119 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]