

Product datasheet for **SC330161**

ZFP161 (ZBTB14) (NM_001243702) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZFP161 (ZBTB14) (NM_001243702) Human Untagged Clone
Tag: Tag Free
Symbol: ZFP161
Synonyms: ZF5; ZFP-5; ZFP-161; ZFP161; ZNF478
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330161 representing NM_001243702.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGTTTTTCATCAGTATGTCTGAAACCATTAATATAATGACGATGATCATAAACTCTGTTTCTG
AAAACACTAAATGAACAACGCCTGGAAGGAGAATTTGTGATATTGCTATTGTGGTTGAGGATGTGAAA
TTCAGAGCACACAGATGTGTTCTTGCTGCCTGCAGCACTACTTTAAAAAGCTTTTCAAGAAGCTTGAG
GTTGATAGTTCTCGGTCATAGAAATAGATTTTCTTCGTTCTGATATTTGAAGAGGTCCTGAACACTAC
ATGTACACAGCAAAGATTTCCGTGAAAAAGAAGATGTTAACTTAATGATGTCATCGGGTCAGATTCTT
GGTATCCGATTTTGGATAAACTGTGTTCTCAGAAGCGTGATGTGTCCAGTCCCAGTGAACAATGGT
CAGTCCAAAAGTAAGTATTGCCTTAAAATAAATCGCCCATTTGGAGATGCTGCTGACACCCAGGATGAT
GATGTAGAGGAAATCGGGGATCAGGATGACAGTCTTCTGATGACACAGTAGAAGGCACACCCCGAGT
CAGGAGGACGGCAAGTCGCCACCAACGCTCAGGGTTCAGGAAGCGATCCTGAAAGAGCTGGGGAGT
GAGGAAGTTCGGAAGGTCAATTGCTACGGCCAGGAAGTAGAATCCATGGAGACCCAGAATCAAAAGAC
TTGGGGTCCCAGACCCCTCAAGCCTTAACATTTAATGATGGGATGAGTGAAGTGAAGATGAACAGACA
CCAGGCTGGACAACAGCCGCGAGTACATGAAGTTTGAGTATTTGCTTTATGGTCACCATCGGGAGCAG
ATTGCTGCCAGGCGTGTGGGAAGACGTTTTCTGATGAAGGCAGATTGAGGAAGCATGAGAACTCCAC
ACGGCGGACAGGCCATTTGTTGTGAAATGTGCACAAAAGTTTTACCACACAGGCCACCTGAAAGAA
CACCTAAAAATCCACACAGGATATAAGCCCTATAGCTGTGAGGTGTGTGAAAAATCATTTATCCGTGCC
CCAGACTTAAAGAAGCATGAGAGAGTTCACAGTAAATGAAAGACCGTTTGGGTGCCACATGTGTGACAAA
GCCTTCAAACACAAGTCTCACCTCAAGGATCATGAAAGAAGACACAGAGGGGAAAAGCCTTTTGTGTGT
GGCTCCTGCACCAAGGCATTTGCCAAGGCATCTGATCTGAAAAGGCACGAGAACAATATGCACAGTGAA
AGGAAGCAGGTTACCCCAAGTCCATCCAGAGCGAGACAGAACAGTTGCAGGCGGCAGCGATGGCTGCC
GAAGCAGAACAGCAGCTGGAGACGATAGCCTGTAGTAG
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001243702
Insert Size: 1350 bp



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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:	<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:	NM_001243702.1
RefSeq Size:	3363 bp
RefSeq ORF:	1350 bp
Locus ID:	7541
UniProt ID:	O43829
Cytogenetics:	18p11.31
Protein Families:	Transcription Factors
MW:	51 kDa
Gene Summary:	<p>Transcriptional activator of the dopamine transporter (DAT), binding it's promoter at the consensus sequence 5'-CCTGCACAGTTCACGGA-3'. Binds to 5'-d(GCC)(n)-3' trinucleotide repeats in promoter regions and acts as a repressor of the FMR1 gene. Transcriptional repressor of MYC and thymidine kinase promoters.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>