

Product datasheet for **SC124445**

ZNF680 (NM_178558) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF680 (NM_178558) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF680
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_178558, the custom clone sequence may differ by one or more nucleotides

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ATGCCAGGACCACCTGGAAGCCTAGAAATGGGACCACTGACATTTAGGGATGTGGCCATAGAATTCTCTC
TGGAGGAGTGGCAATGCCTGGACACTGCACAACGGAATTTATATAGGAAAGTGATGTTTGAGAACTACAG
AAACCTGGTCTTCCTGGGTATTGCTGTCTTAAGCCTCACCTGATAACCTGTTTGGAGCAAGGAAAAGAG
CCCTGGAATAGGAAGAGACAGGAGATGGTAGCCAAACCCCAAGTTATATATTCTCATTCTACTGAAGACC
TTTGGCCAGAGCATAGCATAAAAGATTTCTTTCAAAAAGTGATACTGAGAGGATATGGAAAATGTGGACA
TGAGAATTTACAATTAAGAATAAGTTGTAAGAAGTGTGGATGAGTCTAAGGTGTTCAAAGAAGGTTATAAT
GAACCTAACCAATGTTTGAAGAACTCCAGAGCAAATATTTCAATGTGATAAAACGTGAAAGTCTTTTC
ATAAATTTTCAAATTCAAACAGTCATAAGAAAAGAAATACTGGAAAGAAGGTTTTCAAATGTAAAGAATG
TGGCAAATCATTGTCATGCTTTACATCTAACACAACATATAAGAATTCACACTAGAGAGAATTTCTTAC
AAATGTGAGGAATGTGGCAAAGTCTTAACTGGTTCTCAGAGCTTATTAACATAAGGGAATTCATATGG
GAGAGAAACCCTACAAATGTGAGGAATGTGGCAAAGCCTTAAACCAATCCTCAACCCTTATTAACATAA
GAAAATTCATATTGAAGAGAAACCCTTCAAATGTGAAGAATGTGGCAAAGCCTTTAGTTTATTCTCAATC
CTTAGTAAACATAAGATAATTCATACTGGAGACAAACCTTACAAATGTGATGAATGTCACAAAGCCTTTA
ACTGGTTTGCAACCCTTACTAACCATAAGAGAATTCATACTGGAGAGAAACCCTTCAAATGTGAAGAATG
TGGCAAAGACTTTAACCAGTTTTCAAACCTTACTAAACATAAGAAAATTCATACTGGAGAGAAACCCTAC
AAATGTGAAGAATGTGGCAAAGCTTTAACCAGTTTGCAAACCTTACTAGACATAAGAAAATTCATACTG
GAGAGAAATCCTACAAATGTGAAGAATGCGGCAAAGCTTTTATACAGTCTCAAACCTTACTGAACATAT
GAGAATTCATACTGGAGAGAAACCCTACAAATGTGAAGAATGTGGCAAAGCTTTAATGGGTGCTCCAGC
CTTACTCGACATAAGAGAATTCACACTAGAGAGAATACCTACAAATGTGAAGAATGTGGCAAAGGCTTTA
CTTTATTTTCAACCCTTACTAACCATAAAGTAATTCATACTGGAGAGAAATCCTACAAATGTGATGAATG
TGGCAATGTTTTAACTGGCCTGCAACTCTTGTATATCATAAGAGAATTCATGCTAGAGAGAAACCCTAC
AAATGTGAAGAATGTGGCAAAGCTTTAACCAGTCTCACACCTTACTAGACATAAGAAAATTCATACTG
GTGAGAACTCTACAAACCTGAAAATGTGACAATAATTTTGATAACACCTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178558 unedited NNNNGGGGGGNNNNNGNTTNNNNNNNTTTTACACCGCCCGTTGCCGCAAAGGGCGG TAGGCGTGTACGGTGGGNAGTCTATATAAGCAGAGCTCATTTAGGTGACACTATAGAATA CAAGCTACTTGTCTTTTTGCAGCGGCCGCAATTCGGCACGAGGGGAGCTCCAGGTCTA GTCTTTACTGCTCTGTGTATTCTGCTCCTAGAGGCCAGCCTCTGTGGCTCCGTTATCTG CAGGTATTGGGAGATGCACAGCTAAGATGCCAGGACCACCTGGAAGCCTAGAAATGGGAC CACTGACATTTAGGGATGTGGCCATAGAATTCTCTCGGAGGAGTGGCAATGCCTGGACA CTGCACAACGGAATTTATATAGGAAAGTGATGTTTGAGAACTACAGAAACCTGGTCTTCC TGGGTATTGCTGTCTCTAAGCCTCACCTGATAACCTGTTTGGAGCAAGGAAAAGAGCCCT GGAATAGGAAGAGACAGGAGATGGTAGCCAAACCCAGTTATATATTCTCATTTCACTG AAGACCTTTGGCCAGAGCATAGCATAAAAAGATTCTTTCAAAAAGTGATACTGAGAGGAT ATGAAAAATGTGGACATGAGAATTTACAATTAAGAATAAGTTGTAAGTGTGGATGAGT CTAAGGTGTTCAAAGAAGTTATAATGAACTTAACCAATGTTTGAGAACTACCCAGAGCA AAATATTTCAATGTGATAAATACGTGAAAGTCTTTCATAAATNTCAAATCAAACAGTC ATAAGAAAAGAAATACTGAAAAGAAGTTCTCAAATGTAAAGAATGTGCCANATCATNTG CATGCTTTACATCTAACACCACATATNAGAATTCACACTAGAGAGAATTTACAAATGT GAGGAATGTGCCANAGTTCTTAAGTGGTCTCANAGCTTATTAACATANGGAATT
Restriction Sites:	NotI-NotI
ACCN:	NM_178558
Insert Size:	4450 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).
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:	<u>NM_178558.2</u> , <u>NP_848653.1</u>
RefSeq Size:	3042 bp
RefSeq ORF:	1593 bp
Locus ID:	340252
UniProt ID:	<u>Q8NEM1</u>
Cytogenetics:	7q11.21
Protein Families:	Transcription Factors

Gene Summary:

May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.