

## Product datasheet for **SC109924**

### ZNF34 (NM\_030580) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF34 (NM_030580) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF34
Synonyms:	KOX32
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_030580, the custom clone sequence may differ by one or more nucleotides

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ATGCTTCTGCTCCTCAGTGACCAGCTCCTGCTCACTGCCCTCAGAAAGCCCAACCCTCAGGCAATGGCGG
CCTTGTCTGTCTGCCACCCCAGGCCGAGGTGACCTTCGAGGACGTGGCTGTGTACCTCTCCGGGA
GGAAATGGGGCCGCTGGGCCCTGCTCAGAGGGCCTCTACAGGGACGTGATGCTGGAGACCTACGGGAAC
CTAGTCTCACTGGGAGTAGGACCTGCAGGCCCAAGCCTGGAGTGATCTCGCAGTTGGAGCGAGGGGATG
AGCCCTGGGTCTGGATGTTTCAGGGCACCTCTGGGAAAGAGCACCTGAGAGTCAACAGCCAGCTTTGG
GACCAGAAGTGTACAAGGAGTTGACTTCACAGGAGACATTTGGTGAGGAAGATCCCCAGGGATCTGAG
CCAGTAGAAGCCTGTGACCACATCAGTAAGTCAGAGGGGAGCCTGGAAAAGCTAGTGGAGCAGAGAGGCC
CCAGGGCAGTCACACTGACCAACGGGGAGAGCAGCAGGGAGTCTGGGGAAAACCTCAGGTTGCTGTCAAG
ACCTGTTCTGATCAGAGACCTCAGAAATGTGATATATGTGAGCAAAGTTTTGAACAGAGATCATATCTC
AACACCATAAGCGTGTACACAGGTCAAAAAACAATAACAGTTCGTAACCTCTGGGAAATCTTCAGTG
CAAATAGTTGTTAAAGAAGATCAGAAAATTCCTACTGGGAAAAATTCATTATTGCAGTTACTGTGG
GAAAACATTACAGGTACAGTGCCAACTTGTCAAGCATCAGCGGCTTCACACTGAAAGAGAAGCCCTACAAA
TGTGATGAGTGTGGGAAAGCCTTCAGCCAGAGCTGCGAGTTCATCAATCACCGAAGGATGCACTCAGGAG
AGATTCCTACCGGTGTGACGAGTGTGGGAAGACATTCACCCGGAGGCCAACCTCATGAAGCACCAGAG
GATTCACACTGGGGAGAAACCCTACAAGTGTGGGGAGTGTGGGAAGCACTTTAGCGCCTACTCTCCCTG
ATTTATCACAGAGAATCCACACCGGAGAGAAACCCTATAAATGTAATGACTGCGGGAAAGCCTTCAGTG
ATGGCTCAATCCTTATCCGACATCGTCGGACTCACACCGGAGAGAAGCCATTTGAGTGAAGGAATGTGG
CAAAGGCTTACACAAAGTTCTAACCTTATCCAACATCAGAGAATTCACACTGGAGAGAAACCCTATAAA
TGTAATGAATGTGAGAAAGCTTTTCATTAACAAAACCAAACTCGTGAACATCAGAGAAGCCACACTGGAG
AGAAGCCCTATGAATGCAATGACTGTGGCAAAGTTTTTCAGCCAAAGCACACACCTCATCCAGCACCAGAG
AATCCACACAGGAGAGAAGCCCTACAAGTGCAGCGAGTGTGGGAAGCCTTCCACAAAGTTCCAGACTC
ATCCACCACCAGAGGCTGCACCACGGAGAGAAACCCTACAGATGCAGCGATTGCAAGAAAGCCTTCAGCC
AGAGCAGTACTTGATTAGCACCAGGAGATCCACACCGGGGAGAAAGCCCTACAAGTGCAGCGAGTGTGG
GAAGGCCCTCCGGCACAGTTCCAACATGTGTCAGCATCAGCGATTACCTCCGGGAGGACTTCTCCATG
TAA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_030580 unedited

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GTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGTTGCATCAGATGTATCTAA
TCCGAGAGTCTCATGCTTCTGGTAGCTCCTCAGTGACCAGCTCCTGCTCACTGCCCTCAG
AAAGCCCAACCCTCAGGCAATGGCGGCCTGTTCTGTCTGCCACCCCAGGCCGAGGT
GACCTTCGAGGACGTGGCTGTGTACCTCTCCGGGAGGAATGGGGCCCTGGGCCCTGC
TCAGAGGGGCCTCTACAGGGACGTGATGCTGGAGACCTACGGGAACCTAGTCTCACTGGG
AGTAGGACCTGCAGGCCCAAGCCTGGAGTGATCTCGCAGTTGGAGCGAGGGGATGAGCC
CTGGGTCTGGATGTTTCAGGGCACCTCTGGGAAAGAGCACCTGAGAGTCAACAGCCAGC
TCTTGGGACCAGAACTGAGTACAAGGAGTTGACTTCACAGGAGACATTTGGTGAGGAAGA
TCCCCAGGGATCTGAGCCAGTAGAAGCCTGTGACCACATCAGTAAGTCAGAGGGGAGCCT
GGAAAAGTACTGGAGCAGAGAGGCCCCAGGGCAGTCACACTGACCAACGGGGAGAGCAG
CAGGGAGTCTGGGGAAAACCTCAGGTTGCTGTCAAGACCTGTTCTGATCAGAGACCTCA
CAAATGTGATATATGTGAGCAAAGTTTTGAACAGAGATCATATCTCAACACCATAAGCGT
GTACACAGGTCANAAAAACAATAACAGTTCGTAACCTCTGGGAAAATCTCAGTGCANACT
NNTAGTGTGGAGATCAGAAANATTCCTACTGNGAAAAAANTGCANNATGACAGTACTGTG
GGAAAACATTCAAGTACAGTGCCAACTTGTGAGCATCAGCGCTTCACACTGAAAGAGCCT
ACAATGTGNATGATGGTGGGAAAAC
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_030580 unedited CGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGGATTTAAGAAAAGAGGTTTGT TTAATGAGAAACGTCCTTTCACTCTGTGAAAACATCGTGTGGATAATACATAAAGGGCAG AGTCAGGTGCCGGGGGCGCATGCAGGAAGTGCTCAGCTGGACTCTGCCCTCGGACACCGC GCCACTGTTACATGGAGAAGTCTCCCGGAGGTGAATCCGCTGATGCTGACACATGTTGG AACTGTGCCGGAAGGCCCTCCACACTCGCTGCACTTGTAGGGCTTCTCCCGGTGTGGA TCTCCGGTGTGCTGAATCAAGTACGTGCTCTGGCTGAAGGCTTTCTTGCAATCGCTGCATC TGTAGGGTTTCTCTCCGTGGTGCAGCCTCTGGTGGATGAGTCTGGAAGTGTGTGGA AGGCCCTCCACACTCGCTGCACTTGTAGGGCTTCTCTCCTGTGTGGATTCTCTGGTGCT GGATGAGGTGTGTGCTTTGGCTGAAAACCTTGCCACAGTCATTGCATTATAGGGCTTCT CTCCAGTGTGGCTTCTCTGATGTTCCACGAGTTTGGGTTTTTGAATGAAGCTTCTCAC ATTCATTACATTTATAGGGTCTCTCCAGTGTGAATTCTCTGATGNTGGGATAGGNTAG AACTTTGTGTAAGCCTTTGCCACATTCCTTGCACTCAAATGGCTCTCTCCGGTGTGAGT CCGACGATGTCCGATAAGGATTAGCCACTGAAGGGCTTCCCGCAGTCATTACATTT ATAGGGGTTTCTCTCCCGTGTGGNATTCTCTGGTGATAAATCAGGGAAGAGTAAGCGCTT AAGGGCTCCACACTCCACACTTGTAGGGTCTCCAGGGGAATCCTTGGGGCTT ATGAAGGTGGCCTTCCGGGAATTCTTCAAACCTGCCACNGNAAGGAATCCTCTGANGC ATCCTGGGGATGAAGAACGCANTTGGCTGAGGCTTCCACTATCAATTGAGGGCTTCTT AGGGACCTGAGCTGCAAGGTGCCTGCACTAAGTTT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_030580
<b>Insert Size:</b>	2040 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_030580.1</a> , <a href="#">NP_085057.1</a>
<b>RefSeq Size:</b>	2841 bp
<b>RefSeq ORF:</b>	2841 bp
<b>Locus ID:</b>	80778
<b>UniProt ID:</b>	<a href="#">Q8IZ26</a>
<b>Cytogenetics:</b>	8q24.3
<b>Domains:</b>	KRAB, zf-C2H2

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longest isoform (1). 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.