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Product datasheet for SC100315

ZNF23 (NM_145911) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF23 (NM_145911) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF23
Synonyms:	KOX16; Zfp612; ZNF359; ZNF612
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_145911, the custom clone sequence may differ by one or more nucleotides

ATGCTGGAGAATTATGGGAATGTGGCCTCCCTGGGATTTCCACTTCTCAAACCTGCTGTGATCTCACAAC
TGGAGGGAGGAAGTGAGCTGGGGGGCTCATCTCCACTGGCTGCAGGAACAGGCCTCCAGGGCCTCCAGAC
TGATATTCAGACTGACAATGATTTGACAAAGGAAATGTATGAAGGAAAAGAGAATGTATCATTTGAACTT
CAAAGAGACTTTTCCCAGGAAACAGACTTTTCAGAAGCCTCTCTTCTAGAGAAACAACAGGAAGTCCACT
CAGCAGGAAATATAAAGAAGGAGAAGAGCAACACCATTGATGGAACAGTGAAAGATGAGACAAGCCCCGT
GGAGGAGTGTTTTTTTAGTCAAAGTTCAAACTCATATCAGTGTCATACCATCACTGGAGAGCAGCCCTCT
GGGTGTACAGGATTGGGGAAATCCATCAGCTTTGATACAAAACTCGTGAAGCATGAAATAATTAATTCTG
AGGAAAGACCTTTCAAATGTGAAGAATTAGTAGAGCCCTTTAGGTGTGACTCTCAACTTATTCAACATCA
AGAGAACAACACTGAGGAAAAGCCTTATCAGTGTTCGGAGTGTGGCAAAGCTTTCAGCATTAATGAGAAA
TTAATTTGGCATCAGAGACTTCACAGTGGGGAGAAACCCTTCAAATGTGTGGAGTGTGGGAAAAGCTTCA
GCTACAGTTCCCATTATATCACACATCAGACAATCCACAGTGGGGAGAAGCCCTATCAGTGTAAGATGTG
TGGGAAGGCCTTCAGTGTTAATGGAAGCCTAAGTAGGCATCAGAGAATCCATACGGGAGAGAAGCCCTAT
CAGTGCAAGGAATGTGGAAATGGCTTCAGCTGTAGTTCTGCATATATTACACATCAGAGAGTCCACACTG
GAGAGAAACCTTACGAGTGTAATGACTGTGGGAAAGCGTTCAATGTTAATGCAAAATTAATTCAACATCA
GAGAATCCATACTGGAGAGAAACCTTATGAATGTAATGAATGTGGAAAAGGCTTCAGGTGCAGCTCCCAG
CTTAGGCAGCATCAGAGCATCCACACAGGAGAAAAGCCCTATCAGTGTAAAGAGTGTGGAAAAGGCTTCA
ATAATAATACAAAACTCATTCAGCATCAGAGAATCCACACAGGTGAGAAACCCTATGAATGCACTGAATG
TGGAAAAGCCTTCAGTGTCAAAGGGAAGTTAATCCAACACCAGAGAATTCACACAGGCGAGAAACCCTAT
GAGTGTAATGAATGCGGGAAAGCCTTCAGATGTAACTCCCAATTTCGGCAGCATCTGAGAATTCACACTG
GGGAGAAGCCCTATGAGTGTAATGAGTGTGGAAAGGCCTTCAGCGTTAATGGGAAACTAATGCGGCATCA
GAGAATTCACACTGGGGAGAAACCTTTTGAATGTAATGAGTGTGGGAGATGCTTTACTTCTAAAAGAAAC
CTACTTGATCATCACCGAATCCATACTGGAGAAAAGCCCTATCAATGTAAGGAATGTGGGAAAGCCTTCA
GTATCAATGCCAAACTAACTAGGCATCAGAGGATACATACTGGGGAGAAACCTTTCAAATGTATGGAATG
TGAGAAAGCATTCAGCTGTAGTTCTAACTATATTGTGCACCAGAGAATCCATACAGGAGAGAAACCCTTT
CAGTGTAAGGAGTGTGGAAAAGCCTTCCATGTTAATGCCCATTTAATTCGGCATCAGAGAAGCCACACTG
GGGAGAAACCCTTCAGATGTGTGGAATGTGGCAAAGGCTTCAGCTTTAGTTCTGACTACATTATACATCA
GACAGTCCACACTTGGAAGAAACCCTATATGTGTAGTGTGTGTGGGAAAGCATTCAGGTTTAGCTTCCAG
CTCAGTCAGCATCAGAGTGTCCATAGTGAAGGAAAATCCTAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145911 unedited
TAATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGGGGAGCAGTCCGCTACGG
AGCTCCAGCCCTTCTCTGAGACGGGGACCAGGGGATGGCAGCCATGCACCTGACAGCCTG
GCCCCAGGGACTTCACGGATCCCCTGAAGCTCATCCATGGACTTCCATGGACTACAGGGC
CTGAGCTATGGAATTGGCCCTAGGGCAGCAGGAACCTATTGTTTCAGAAGTCGGTGACCT
TTGAGGACGTGGCTGTGTACTTCACCCAGGCGGAATGGGATGGCCTGTCCCCTGCACAGA
GGACCCTGTACAGGGATGTGATGCTGGAGAATTATGGGAATGTGGCATCCCTGGGATTTC
CACTTCTCAAACCTGCTGTGATCTCACAACTGGAGGGAGGAGGTGAGCTGGGGGGCTCAT
CTCCACTGGCTGCAGGAACAGGCCTCCAGGGCCTCCAGACTGTAGATATTCAGACTGACA
ATGATTTGACAAAGGAAATGTATGAAGGAAAAGAGAATGTATCATTTGAACTTCAAAGAG
ACTTTTCCCAGGAAACAGACTTTTCAGAAGCCTCTCTTCTAGAGAAACAACAGGAAGTCC
ACTCAGCAGGAAATATAAAGAAGGAGAAGAGCAACACCATTGATGGAACAGTGAAAGATG
AGAACAGCCCCGTGGAGGGAGTGTTTTTTTAGTCAAAGTTCAAACTCATATCAGTGTCAT
ACCATCACTGGAGAGCAGCCCTCTTGGGTGTACAGGATTGGGGAAATCCATCAGCTNTGA
ACANAAACTCGTGAGCATGAAATAATTAATTCTGAGGAAAGACTTTTCAATGTGAAGAAT
AGTAGAGCCCTTTTAGGGTGACTCTCAACTATTCACATCAGAGAACACACTGAGAAAGCT
TTATATGGTTCGGAGTTGGCAAGCTTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_145911 unedited
AATTCACTGTGNACCGCGCGCCGCTATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTCCCTTTTTTAAATAAATCTTTATTTTTCATCTTTTCAAAAGTAATACATG
CTTGTTGTCAAAAATTAAACAAATAAATTAATGTAGGTAGAGTATCTTTAGTACGGGTTT
TCCTATCCAACAACAAGGCTTCTCTCTCTCTCCATTTATTCAAATTTCCTTTGTAAAGTG
GCCCTCAGTGAAGACTTAAATTTCTCCATACAAGTCCTCCATAACTGTTTATTTCTAGAA
AATCTACTTTTCTTGATGCTGCTGGGAACGAAATCTTTTCATTATATTTTCTAATTCCTG
TTGGTACAAAACAAAGCTATTTTTGGATGTTTCTCTTTAACTGGTCATCCTTTCCTGATT
TAAACTGAATAGAATAAAAACTGTTTCCATATGAAGACTCTGCCATATTCATGCCCTCTT
GGAGGTTTTTCAATGGATGAATCTGATGATACTTGATCCATTTTGGCATTAACCTTAAGA
GTTTTCTATATCTTTCTCATTATTAGGATTTTCCTTCACTATGGACACTCTGATGCTGAC
TGAGCTGGAAGCTAAACCTGAATGCTTTCCCACACACACTACACATATAGGGTTTCTTCC
AAGTGTGGACTGTCTGATGTATAATGTAGTCAGAACTAAAGCTGAAGCCTTTGCCACATT
CCACACATCTGAAGGGTTTCTCCCCAGTGTGGCTTCTCTGATGCCCGAATAAATGGGCAT
AACATGGAAGGCTTTTTCACACTCCTTACACTGAAAGGGTTNCTCTCCTGTATGGATCTC
TGGTGCACATTATAGTAGAACTACAGCTGAATGCTTTCTCACATTCATACATTTGAAGGT
TNCTCCCCAGTTGGATTCCN

Restriction Sites: NotI-NotI

ACCN: NM_145911

Insert Size: 2350 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:
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_145911.1, NP_666016.1

RefSeq Size: 3271 bp

RefSeq ORF: 1932 bp

Locus ID: 7571

UniProt ID: P17027

Cytogenetics: 16q22.2

Domains: zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation. May have a role in embryonic development. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 encode the same isoform (a).