

Product datasheet for **SC303600**

CDX4 (NM_005193) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDX4 (NM_005193) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDX4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_005193 edited

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GGGCGGCCGGAATTCATGTACGGAAGCTGCTTTTGGAGAAAGAAGCAGGCATGTACCC  
GGGCACCTCATGAGCCCTGGGGGCGACGCGCACAGCTGGGACAGCGGCACAGGGGGCGG  
TGGGAGTCCGATGCCAGCCTCCAATTTTCGCTGCGGCACCGGCTTCTCGCACTATATGGG  
GTATCCTCATATGCCAGCATGGATCCTCACTGGCCGTCTCTGGGAGTCTGGGGCTCACC  
CTACAGTCCCCGCGAGAAGACTGGAGCGTGTATCCTGGGCCGTCTAGTACAATGGGCAC  
AGTGCCGGTGAACGACGTGACCTTAGCCCCGCCGCTTTCTGCTCGACCGACTACAGCAA  
CTTGGGCCCTGTGGGCGGTGGAAGTACGCGCAGCAGCCTACCAGGCCAGGCTGGCGGGTC  
GCTTGTCCCGACGGACGACGAGCGCCGCAAGGCCAGTTCCCCAGCAGGAGCCGCCACAG  
CCCCTATGCATGGATGCGCAAGACGGTGCAGGTGACGGGAAAACCAGGACAAAAGAAAA  
GTATCGTGTAGTTTACTACTGATCATCAAAGATTGGAGCTGGAAAAGGAGTTCCATTGCAA  
TAGATATATCACCATCCAGAGAAAATCAGAGCTGGCAGTTAACCTGGGCCTTTCGAGAG  
ACAGGTGAAAATCTGGTTTCAGAATCGCAGAGCCAAGGAGAGAAAAGATGATCAAAAAGAA  
AATCTCCAGTTTGAAGATAGTGGAGGCTCGGTGCAAAGTACTCTGACTCCATCAGCCC  
TGGGGAACCTAACACTTTTTTACCACACCATCTGCTGTTCTGGATTTCAACCTAT  
TGAGATACAGCAGGTTATAGTCTCCGAATGACTCGACTCTAGATTGCGGCCGCGGTCATA  
GCTGTTT
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005193 unedited</p> <pre> NTTTAACCCCGACCCGTTGTAGCAAAGGGCGGTAGGCGTGTACGGTGGGCAGGTCTATAT AAGCAGAGCTCGTTTGTAGTGAACCGTCAAGATTTTGTAAATACGACTCACTATAGGGCGGCC GCGAATTCATGTACGGAAGCTGTCTTTTGGAGAAAAGAAGCAGGCATGTACCCGGGCACTC TCATGAGCCCTGGGGGCGACGGCACAGCTGGGACAGGCGGCACAGGGGGCGGTGGGAGTC CGATGCCAGCCTCCAATTTTCGCTGCGGCACCGGCTTTCTCGCACTATATGGGGTATCCTC ATATGCCAGCATGGATCCTCACTGGCCGCTCTCTGGGAGTCTGGGGCTCACCCACAGTC CCCCGCGAGAAGACTGGAGCGTGTATCCTGAGCCGTCTAGTACAATGGGCACAGTGCCGG TGAACGACGTGACCTCTAGCCCCGCGCTTTCTGCTCGACCGACTACAGCAACTGGGCC CTGTGGGCGGTGGAAGTACGGGCAGCAGCCTACCAGGCCAGGCTGGCGGATCGCTTGTC CGACGGACGCAGGCGCCGCAAGGCCAGTTCACCCAGCATGAGCCGCCACAGCCCTATG CATGGATGCGCAAGACGGTGCACGTGACTGCGAAAACCAGGACAAAAGAAAGTATCGTGT AGTTTACTACTGATCATCANAGATTGGAGCTGGCATAGGAGTTCATTTGCATAGATATAT CACCATCCATTATAAATCAGAAGTGGCAGTTAACCTGAGACTTTCCGAGACGACAGTGAA AATCTGGTTTTTGAATCGCAGAGCTAAGAGAGAAAGATGATCAAACGATATCTCCAGT TTGAGGATACTGGAGGCTCAGTGCAAAGTGACTCTGACTCCATCAGCCCTGGGGAAA </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005193 unedited</p> <pre> NANGAGCCTGGGNGAGGGTACAGGGATGCCACCCGGNNATCTGTTCCAGNAAACAGCT ATGACCGCGGCCCAATCTAGAGTCGAGTCATTTCGGAGACTATAACCTGCTGTATCTCAA TAGGTTGAAATCCACGAACAGCAGATGGTGTGGTGNAAAAAGTGTAGGTAGTTCCCA GGGCTGATGGAGTCAGAGTCACTTTGCACCGAGCCTCCACTATTCTCAAAGTGGGAGATT TTCTTTTTGATCATCTTTCTCTCCTTGGCTCTGCGATTCTGAAACCAGATTTTCACTGT CTCTCGGAAAGGCCAGGTTAACTGCCAGCTCTGATTTTCTCTGGATGGTGATATATCTA TTGCAATGGAAGTCTTTTCCAGCTCCAATCTTTGATGATCAGTGTAAACTACAGGATAC TTTTCTTTTGTCTGGTTTTTCCCGTCACTGCACCGTCTTGCATCCATGCATAGGGG CTGTGGGCGTCTGCTGGGGAACTGGCCTTGGCGGCGCCTGCGTCCGTCCGGTCCGGACAAGC GACCCGCCAGCCTGGCCTGGTAGGCTGCTGCCGCTAGTTCACCGCCACAGGGCCCAAG TTGCTGTAGTCGGTCGAGCAGAAAGCGCGNGGCTAGAGGTCACGTCGTTACCCGGCACT GTGCCATTGTACTAGACGGCCAGGATACACGCTCCAGTCTTCTCGGGGGGACTGGTA NGGTGAGCCCCAGACTCCAGAGACGGGCCAGTGAGGATCCATGCTGGGCATATGAGGAT ACCCCATATAGTGCAGAAAGCCGGTGCCGACGCAAATTTGGGAGGCTGGCATCGGNACT CCACCGCCCTGGGCGNCTGNCCAGCTTGTGC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_005193
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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_005193.1](#), [NP_005184.1](#)

RefSeq Size: 855 bp

RefSeq ORF: 855 bp

Locus ID: 1046

UniProt ID: [O14627](#)

Cytogenetics: Xq13.2

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

Gene Summary: This gene encodes a member of a small subfamily of homeobox containing transcription factors. The encoded protein may regulate homeobox gene expression during anteroposterior patterning and hematopoiesis. [provided by RefSeq, Aug 2012]