CDX4 cDNA Clone – Caudal Type Homeobox 4 (Human)

PRODUCT OVERVIEW

Product Name	CDX4, cDNA Clone
Full Product Name	CDX4 cDNA Clone
Product Gene Name	CDX4 cdna clone
Sequence	ATGTACGGAA GCTGTCTTTT GGAGAAAGAA GCAGGCATGT ACCCGGGCAC TCTCATGAGC CCTGGGGGCG ACGGCACAGC TGGGACAGGC GGCACAGGGG GCGGTGGGAG TCCGATGCCA GCCTCCAATT TCGCTGCGGC ACCGGCTTTC TCGCACTATA TGGGGTATCC TCATATGCCC AGCATGGATC CTCACTGGCC GTCTCTGGGA GTCTGGGGCT CACCCTACAG TCCCCCGCGA GAAGACTGGA GCGTGTATCC TGGGCCGTCT AGTACAATGG GCACAGTGCC GGTGAACGAC GTGACCTCTA GCCCCGCCGC TTTCTGCTCG ACCGACTACA GCAACTTGGG CCCTGTGGGC GGTGGAACTA GCGGCAGCAG CCTACCAGGC CAGGCTGGCG GGTCGCTTGT CCCGACGGAC GCAGGCGCCG CCAAGGCCAG TTCCCCCAGC AGGAGCCGCC ACAGCCCCTA TGCATGGATG CGCAAGACGG TGCAGGTGAC GGGGAAAACC AGGACAAAAG AAAAGTATCG TGTAGTTTAC ACTGATCATC AAAGATTGGA GCTGGAAAAG GAATTCCATT GCAATAGATA TATCACCATC CAGAGAAAAT CAGAGCTGGC AGTTAACCTG GGCCTTTCCG AGAGACAGGT GAAAATCTGG TTTCAGAATC GCAGAGCCAA GGAGAGAAAG ATGATCAAAA AGAAAATCTC CCAGTTTGAG AATAGTGGAG GCTCGGTGCA AAGTGACTCT GACTCCATCA GCCCTGGGGA ACTACCTAAC ACTTTTTTCA CCACACCATC TGCTGTTCGT GGATTTCAAC CTATTGAGAT ACAGCAGGTT ATAGTCTCCG AATGA
Molecular Weight	30,480 Da
OMIM	300025
Vector	pENTR223.1
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CDX4 cdna clone	MBS1267194 is a cDNA clone targeting CDX4.
Other Notes	Small volumes of CDX4 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDX4. It may not necessarily be applicable to this product.

NCBI GI #	118764214
NCBI GeneID	1046
NCBI Accession #	BC128233
UniProt Secondary Accession #	Q5JS20; A1A513
UniProt Related Accession #	O14627
NCBI Official Full Name	Homo sapiens caudal type homeobox 4, mRNA
NCBI Official Synonym Full Names	caudal type homeobox 4
NCBI Official Symbol	CDX4
UniProt Protein Name	Homeobox protein CDX-4

UniProt Synonym Protein Names	Caudal-type homeobox protein 4
Protein Family	Homeobox protein
UniProt Gene Name	CDX4
UniProt Entry Name	CDX4_HUMAN
NCBI Protein Information	homeobox protein CDX-4
NCBI Summary for CDX4	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]
UniProt Comments for CDX4	CDX4: 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] Protein type: DNA-binding; Transcription factor Chromosomal Location of Human Ortholog: Xq13.2 Cellular Component: nucleus Molecular Function: protein binding Biological Process: anterior/posterior axis specification; cell differentiation; organ morphogenesis; positive regulation of transcription from RNA polymerase II promoter
Research Articles on CDX4	**1.** CDX4 gene was introduced to reprogram adipose tissue derived mesenchymal stem cells to differentiate along the hematopoietic lineage.
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