

Product datasheet for SC303125

HOXA4 (NM_002141) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HOXA4 (NM_002141) Human Untagged Clone
Tag:	Tag Free
Symbol:	HOXA4
Synonyms:	HOX1; HOX1D
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_002141 edited ATTAATGACCATGAGCTCGTTTTTGATAAACTCCAACATACGAGCCCAAGTTCCTCC TTTCGAGGAGTACGCGCAGCACAGCGGCTCGGGCGGCGCAGACGGCGGCCGGGGGG CCCGGCTACCAGCAGCCCCAGCGCCCCGACCCAGCACCTGCCGCTGCAGCAGCCCA GCTCCCTCACGCGGGCGGCGGCCGAGAGCCCCCTGCCTCCTACTACGCGCGCGGACCGC CCGCGAGCCCGCTACCTGCTGCCGCGTGTACCCGCGCATGGGGCCGCGACACCGC CTACCCCTATGGCTACCGCGGCGGCCAGCCCCGGGCGGCCCCAGCCCGAGCAGCC CCCGGCGCAAGCAAGGGCCAGCGCACGGCTGCATGCGAGCCACGTCTGCAGCCCA GCCGCCCGCCCTGCAGCCTCGCGCGTGCCTCCAGCGGCCCGCGGCGCTGCGAGGC GGCCCCGCCACCCAGGCGTCCCGGCAGGGGCGAGCGCCCCGCGTGCCTGCTCTT GGCCGACAAGAGCCCGTGGGCCTGAAGGCAAGGAGCCCGTGGTGTACCCCTGGATGAA GAAGATCCATGTCAGCGCGTTAACCCAGTTATAACGGAGGGGAGCCTAAGCGCTCTCG AACCGCTACACCCGGCAGCAGGCTTTGGAGCTGGAGAAGGAGTTCACCTCAATCGCTA CCTGACCCGGCGCGCCGATCGAGATCGCCACACGCTCTGTTTGTCTGAGCGCCAGGT CAAGATCTGGTTTCAGAACCGGAGGATGAAGTGAAGAAAGACCACAACTGCCAACAC CAAGATGCGATCCTCAAATTCGGCCTCGGCCTCTGCCGGCCACCAGGAAAGCACAAC TCAGAGCCACACCTCCATCCCCACCCACCCGAGCACCTCCACACCCGTTCCCTCCTC CATATAATCTTCTAGAGATCTTAACCAAGTTTCTATCCCTTACCTGC
Restriction Sites:	Please inquire
ACCN:	NM_002141
Insert Size:	1000 bp



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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:	<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:	NM_002141.3 , NP_002132.2
RefSeq Size:	1844 bp
RefSeq ORF:	1728 bp
Locus ID:	3201
UniProt ID:	Q00056
Cytogenetics:	7p15.2
Protein Families:	Transcription Factors
Gene Summary:	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. [provided by RefSeq, Jul 2008]