

Product datasheet for **SC317533**

HOXD13 (NM_000523) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HOXD13 (NM_000523) Human Untagged Clone
Tag:	Tag Free
Symbol:	HOXD13
Synonyms:	BDE; BDSD; HOX4I; SPD; SPD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_000523 edited ATGAGCCGCGCCGGGAGCTGGGACATGGACGGGCTGCGGCAGACGGCGGGGCGCCGGT GGCGCCCGGCCCTTCTCCTCCTCATCGGTGGCGGGCGCGGGCGCTCAGCCAGTGC CGCGGCTTTCTCTCCGCGCTGTGTTTCGCGGGACGCATTTCGGGCGGGCGCGCGGCG GCAGCGCGGCTGCGGGCGGGCGGGCAGCCTCCGGCTTTGCGTACCCCGGGACCTCT GAGCGCACGGGCTCTTCTCGTCGTCGTCCTTCTGCGGTTGTAGCGGCGGCCCGGAG GCTCCCCAGCCAAAGAGTGCCAGCACCCACGCCTGCAGCGGCCGCTGCAGCGCCCCG AGCGCTCCAGCGCTGGGCTACGGCTACCACTTCGGCAACGGCTACTACAGCTGCCGTATG TCGCACGGCGTGGGCTTACAGCAGAATGCGCTCAAGTCATCGCCGACGCCTCGCTGGGA GGCTTTCCCGTGGAGAAGTACATGGACGTGTCAGGCTGGCGAGCAGCAGCGTACCGGCC AACGAGGTGCCAGCGCGAGCCAAGGAGGTATCCTTCTACCAGGGCTATACGAGCCCTTAC CAGCACGTGCCCGCTATATCGACATGGGTCCACTTTCGGCTCCGGGGAGCCTCGGCAC GAGGCCTACATCTCCATGGAGGGGTACCAGTCCCTGGACGCTGGCTAACGGGTGGAACAGC CAGGTGTACTGCACCAAGGACCAGCCACAGGGTCCCCTTTGGAAATCTTCTTTCCA GGGGATGTGGCTCTAAATCAGCCGGACATGTGCGTCTACCGAAGAGGGAGGAAGAAGAGA GTGCCTTACACCAAAGTGCAGCTTAAAGAACTGGAGAACGAGTATGCCATTAACAAATTC ATTAACAAGGACAAGCGGGCGGTATCTCGGCTGCTACGAACCTATCTGAGAGACAAGTG ACCATTTGGTTTCAGAACCGAAGAGTGAAGGACAAGAAAATTGTCTCCAAGCTCAAAGAT ACTGTCTCCTGA
Restriction Sites:	Please inquire
ACCN:	NM_000523
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 ORF of this clone has been fully sequenced and found to be a perfect match to NM_000523.3.
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_000523.3 , NP_000514.2
RefSeq Size:	2341 bp
RefSeq ORF:	1032 bp
Locus ID:	3239
UniProt ID:	P35453
Cytogenetics:	2q31.1
Protein Families:	Druggable Genome
Gene Summary:	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. Mutations in this particular gene cause synpolydactyly. [provided by RefSeq, Jul 2008]