

## Product datasheet for **SC316914**

### DLX6 (NM\_005222) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DLX6 (NM\_005222) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** DLX6  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Fully Sequenced ORF:** >OriGene sequence for NM\_005222 edited

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ATGATGACCATGACTACGATGGCTGACGGCTTGGAAAGCCAGGACTCGTCCAATCCGCC  
TTCATGGAGTTCGGGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAGCAGCAG  
CAACAGCAACAGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCC  
AGCTCCCCGGCCATGGCAGGCGCGCACTACCCTCTGCACTGCCTGCACTCGGCGGCGGCG  
GCGGCAGCGGCCGGCTCGCACCACCACCACCACCAGCACCACCACCAGCGGCTCGCCC  
TACGCGTCGGGCGGAGGGAACCTCTACAACCACCGCTCGCTCGCCGCCTACCCCTACATG  
AGCCAATCGCAGCACAGCCCTTACCTCCAGTCTACCACAACAGCAGCGCAGCCGCCAG  
ACGCGAGGGGACGACACAGATCAACAAAAAATACAGTGATTGAAAACGGGGAAATCAGG  
TTCAATGGAAAAGGAAAAAGATTGGAAAGCCTCGGACCATTTATTCCAGCCTGCAGCTC  
CAGGCTTTAAACCATCGCTTTTCAGCAGACACAGTATCTGGCCCTCCAGAGAGAGCCGAA  
CTGGCAGCTTCTTAGGACTGACACAAAACAGGTGAAGATATGGTTTCAGAACAACGCG  
TCTAAGTTTAAGAACTGCTGAAGCAGGCGAGTAATCCTCATGAGAGCGACCCCTCCAG  
GGCTCGGCGGCCCTGTCGCCACGCTCGCCAGCGCTGCCTCCAGTCTGGGACGTTTCTGCC  
TCGGCCAAGGGTGTGAGTATGCCCCCAACAGCTACATGCCTGGCTATTCTCACTGGTAC  
TCCTCTCCACACCAGGACACGATGCAGAGACCACAGATGATGTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_005222 unedited GTACCTTTGTATACGACTCCTATAGGGCGGCCGTGGAACCTCGCCCTTATGATGACCATGACTACGATGGCTGACGGCTTGAAGGCCAGGACTCGTCCAAATCCGCCTTCATGGAGTTGCGGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAGCAGCAACAGCAACAGCCGCGCCGCCGCCGCCGCCGCCGCCGCACTCGCAGCAAAGTCCCCGGCCA TGGCAGGCGCGCACTACCCTCTGCACTGCCTGCACTCGGCGCGCGCGCGCAGCGGCCG GAGGGAACCTCCTACAACCACCGCTCGCTCGCCGCTACCCTACATGAGCCACTCGCAGC ACAAACATTACCTCCAGTCTACCACAACATCAGCGCAGCCGCCAGACGCGAGGGGACG ACACAGATCAACAAAAAATACTACAGTGATTGAAAACGGGGAAATCAGGTTCAATGGAAAAG GAAAAAGATTGAGAAGCCTGAGACATTTATTCCAGCCTGCAGCTCCAGGCTTTAAACC ATGGTGTGAGCAGACACAGTATCTGGTCACTTCCACAGAGAGCCGAACCTGGCAGTTGCT TTAGACTGACACACACACAGTGAAGATATGGTTTCAGAACATACGCTCTAAGTTAAGA ACTGCTGAAGCAGGCACTAATCCTCATGAGAGCGACCTCATGGTCTCGCGCCCTGTCC CAGCTCGCAGCGCTGCATCAGTCTGGAGTTACTGCTTCGTAACGTGTCAGTATGTCC TCGACAGCTACATGCGCTGCTATGCTACTGTACTCGTTTCATACTAGGACGCGATGCAGA GACAC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_005222
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_005222.2</a></u> , <u><a href="#">NP_005213.2</a></u>
<b>RefSeq Size:</b>	1791 bp
<b>RefSeq ORF:</b>	798 bp
<b>Locus ID:</b>	1750
<b>UniProt ID:</b>	<u><a href="#">P56179</a></u>
<b>Cytogenetics:</b>	7q21.3

**Protein Families:** Transcription Factors

**Gene Summary:** This gene encodes a member of a homeobox transcription factor gene family similar to the *Drosophila* distal-less gene. This family is comprised of at least 6 different members that encode proteins with roles in forebrain and craniofacial development. This gene is in a tail-to-tail configuration with another member of the family on the long arm of chromosome 7. [provided by RefSeq, Jul 2008]