

Product datasheet for **SC215075**

DLX3 (NM_005220) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	DLX3
Synonyms:	AI4; TDO
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_005220
Insert Size:	1542 bp



Insert Sequence:

>SC215075 3'UTR clone of NM_005220

The sequence shown below is from the reference sequence of NM_005220. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCCCCGCCCAACCTGGGGCTGTGTACTGAGCACCCATCTGGCCTGCACCTTGACAAAGGACCCAGG
ACCAGGCAGAAAGCGCCTCCGTCCTAGCCACTCAGGAATCATCGAGGAGCACAGGGAAAAGGAATCCC
TTTCCCTCCCTTGCCCTTCTCCAGGACCAAGCGCTCCAGATGACAATTGCATGGACCAAGGA
TGCCCCCTGAACCTCCCTCCCTCTGCCTAGACACTGGGGTACCCCTCCAGATGTGGGGACATTCCACCC
CAGTGGGGACAGCCATTCCTTACCTGCTCCAGGAGCCTGGATTGGCTTTAAATGGCTCATCATCTTCC
AGCTTCTTAAACTTAGTGCCTGTTCCAGACTGGAGACCTTGGGATGGGGGAGAGTGTGAGGGTTTGC
GGGTCTGCCTGTGCTGGGGCACCTGGCACCGTGGATCTTAAACTTGCCAGGCCTAGTTCCTCTGAG
CCTCTGGTGGTCTCCCTGCTCGAGCGGCCCTCGGCCAATAAGACAGTGGACATCATGACGAGGACT
CCGGGTGGGGACCTGAAGTGGTCACCGCCCTGCACTTCTAGCCCTCATTTAAGATTTGAGGGTGAACC
AAAGAAAACCCCTAAGTGAGGGAATCTTTAATATTTGTGGCTTTAGAGGAAAGAACTAAAGGAGCCA
TCTCTCTCCCTCTCCTCCGTTCCGAGAGGAGGGTGGGTCTCAGACGTTTTTCTATGGACTTATTTT
TTCCATGTCCAGGACTTTGCACAACCTTTGGTTTTTAAAGCTGTTGAAAAATAGGAAAACAAAGGCATT
GTTACAGATAGGGCCAAGTCTCCCTTGCAAGGGTGCCTCTGTTCTGTCCCTGCCCCACCTCACCTT
CTCTACTCTCCAGTAAGTTGGCAGTTTTTGGTGCCAAACCCCAAATCTCAAAGAGACATACCAGGCAA
GACAAACCCCAACACCTCCTTCCGGTGGCCTTGAAACAGATTGCTCCGAGCTGGAGAATGTCGGG
TGAGGTGTATGGGAGAGGAGGGAGAGTTAGAACTTGTGCTTTGGGAGTAAGGGTAAGTGCCTGGAG
GGCTGTGGCACTGCCCTCCCTGACCCAGACATCCCAACAAAGCTAACTTCCCCACCCCTGATGCA
GTAAACATTGAAAAAAAAAAAAAGGAGAGGTAGAAGACTGTAGCTATATATATAATATATAGTAAG
TTTTTTTTTTTTAAGAGCAACAGAGAGAAGCAGCCTCCTCCTGCTGCGGTTTCTATTTATGTGGCCA
TGTTCTCTGGACGATCTCCTGTGTGTTCAAGCTGAGAGATGTGGCTCCGGCTGGATTGGGTT
TTGTGGGAGGTGCAGGGGCCAAGAGAGACGTGGTAGGTCTCCAAGAGTCCACCCGGGGGGGAAGAAGC
AAAGCCATCTCCACCCCTCCAGCCTTCTCATTTCTGCTTCTTACTGGACTCATCTTTATATATAA
TGTTAATAAAAAAGACGAAATAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_005220.3

Summary:

Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeobox that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. Trichodontoosseous syndrome (TDO), an autosomal dominant condition, has been correlated with DLX3 gene mutation. This gene is located in a tail-to-tail configuration with another member of the gene family on the long arm of chromosome 17. Mutations in this gene have been associated with the autosomal dominant conditions trichodontoosseous syndrome and amelogenesis imperfecta with taurodontism. [provided by RefSeq, Jul 2008]

Locus ID:

1747

MW:

57.6