

## Product datasheet for **SC329673**

### **CUX1 (NM\_001202544) Human Untagged Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	CUX1 (NM_001202544) Human Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	CUX1
<b>Synonyms:</b>	CASP; CDP; CDP/Cut; CDP1; Clox; COY1; CUTL1; CUX; Cux/CDP; GDDI; GOLIM6; Nbla10317; p75; p100; p110; p200
<b>Vector:</b>	pCMV6-Entry (PS100001)



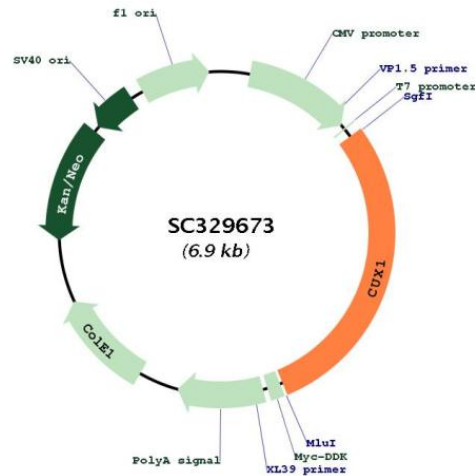
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Fully Sequenced ORF: >SC329673 representing NM\_001202544.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCGGCCAATGTGGGATCGATGTTTCAATATTGGAAGCGCTTTGATTTACAGCAGCTGCAGAGAGAA
CTCGATGCCACCGCAACGGTATTGGCGAACCGGCAGGATGAAAGTGAGCAGTCCAGAAAGCGGCTTATC
GAACAGAGCCGGGAGTTCAAGAAGAACAACCTCCAGAGATTGATGCACTGAGTAAAAGAAGCAAGGAAGCT
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CTGCACAAGTTCACGAGAATGACAACGGGCTGCGGCTGGTACTTGTGGCAGTGA
```

Restriction Sites: Sgfl-Mlul

## Plasmid Map:



ACCN: NM\_001202544

Insert Size: 1989 bp

**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).

**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:**

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\\_001202544.1](#)

RefSeq Size: 2991 bp

RefSeq ORF: 1989 bp

Locus ID: 1523

UniProt ID: [Q13948](#)

Cytogenetics: 7q22.1

Protein Families: Transcription Factors, Transmembrane

MW: 75.6 kDa

**Gene Summary:**

The protein encoded by this gene is a member of the homeodomain family of DNA binding proteins. It may regulate gene expression, morphogenesis, and differentiation and it may also play a role in the cell cycle progression. Several alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Feb 2011]

Transcript Variant: This variant (5) lacks an in-frame exon in the 5' region and has an alternate 3' sequence including the coding region, as compared to variant 1. The resulting isoform (e) lacks an internal segment and has a shorter and distinct C-terminus, as compared to isoform d.