

## Product datasheet for RC223826L1

### OriGene Technologies, Inc.

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## CUX1 (NM\_001913) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: CUX1 (NM\_001913) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CUX1

Synonyms: CASP; CDP; CDP/Cut; CDP1; Clox; COY1; CUTL1; CUX; Cux/CDP; GDDI; GOLIM6; Nbla10317;

p75; p100; p110; p200

Mammalian Cell

Selection:

None

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

**ORF Nucleotide** 

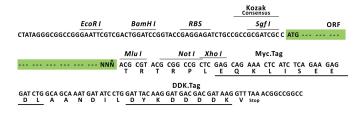
The ORF insert of this clone is exactly the same as(RC223826).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_001913 **ORF Size:** 2034 bp





#### CUX1 (NM\_001913) Human Tagged Lenti ORF Clone - RC223826L1

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**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:** <u>NM 001913.2</u>

RefSeq Size: 2942 bp
RefSeq ORF: 2037 bp
Locus ID: 1523

UniProt ID: Q13948

Cytogenetics: 7q22.1

**Protein Families:** Transcription Factors, Transmembrane

**MW:** 77.3 kDa

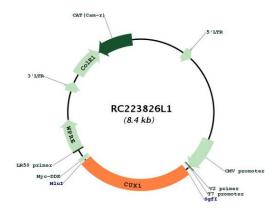
**Gene Summary:** The protein encoded by this gene is a member of the homeodomain family of DNA binding

proteins. It may regulate gene expression, morphogenesis, and differentiation and it may also

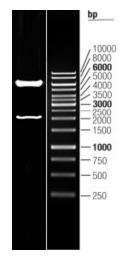
play a role in the cell cycle progession. Several alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Feb 2011]



# **Product images:**



Circular map for RC223826L1



Double digestion of RC223826L1 using Sgfl and Mlul