

Product datasheet for **SC304278**

CUX2 (NM_015267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUX2 (NM_015267) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUX2
Synonyms:	CDP2; CUTL2; DEE67; EIEE67
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304278 representing NM_015267. Blue=Insert sequence Red=Cloning site Green=Tag(s)

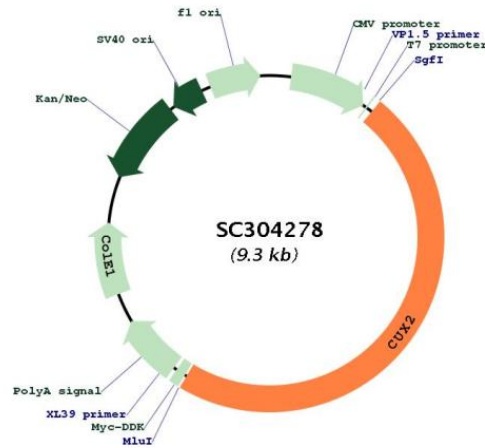
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Restriction Sites:

Sgfl-Mlul

Plasmid Map:


ACCN: NM_015267

Insert Size: 4461 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).

OTI Annotation: 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.

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_015267.3](#)

RefSeq Size: 6855 bp

RefSeq ORF: 4461 bp

Locus ID: 23316

UniProt ID: O14529

Cytogenetics: 12q24.11-q24.12

MW: 161.7 kDa

Gene Summary: This gene encodes a protein which contains three CUT domains and a homeodomain; both domains are DNA-binding motifs. A similar gene, whose gene product possesses different DNA-binding activities, is located on chromosome on chromosome 7. Two pseudogenes of this gene have been identified on chromosomes 10 and 4. [provided by RefSeq, Jan 2013]