

Product datasheet for **SC331468**

CUX1 (NM_001202543) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUX1 (NM_001202543) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUX1
Synonyms:	CASP; CDP; CDP/Cut; CDP1; Clox; COY1; CUTL1; CUX; Cux/CDP; GDDI; GOLIM6; Nbla10317; p75; p100; p110; p200
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331468 representing NM_001202543. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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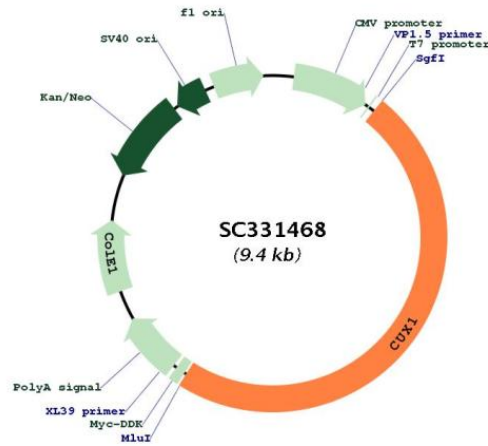


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Restriction Sites:

Sgfl-Mlul

Plasmid Map:


ACCN: NM_001202543

Insert Size: 4551 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_001202543.1](#)

RefSeq Size:	13882 bp
RefSeq ORF:	4551 bp
Locus ID:	1523
UniProt ID:	P39880
Cytogenetics:	7q22.1
Protein Families:	Transcription Factors, Transmembrane
MW:	165.7 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) encodes the longest isoform (d). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>