

Product datasheet for SC337134

CUL4A (NM_001278513) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CUL4A (NM_001278513) Human Untagged Clone
Tag: Tag Free
Symbol: CUL4A
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC337134 representing NM_001278513.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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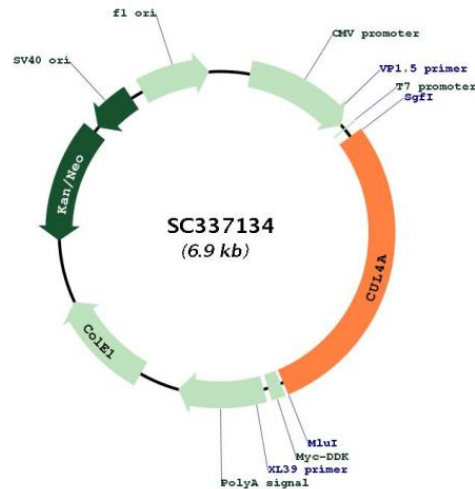
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Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN: NM_001278513

Insert Size: 1980 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_001278513.1](#)

RefSeq Size: 4053 bp

RefSeq ORF: 1980 bp

Locus ID: 8451

UniProt ID: [Q13619](#)

Cytogenetics: 13q34

Protein Pathways: Nucleotide excision repair, Ubiquitin mediated proteolysis

MW: 76.8 kDa

Gene Summary: CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins (Liu et al., 2009 [PubMed 19481525]).[supplied by OMIM, Oct 2009]
Transcript Variant: This variant (3) utilizes an alternate 5' terminal exon, compared to variant 1, resulting in an isoform (2) with a shorter N-terminus. Variants 2, 3, 5, 6, and 7 all encode the same isoform (2). 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.