

Product datasheet for SC331062

NR5A2 (NM_001276464) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NR5A2 (NM_001276464) Human Untagged Clone
Tag:	Tag Free
Symbol:	NR5A2
Synonyms:	B1F; B1F2; CPF; FTF; FTZ-F1; FTZ-F1beta; hB1F-2; LRH-1; LRH1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331062 representing NM_001276464. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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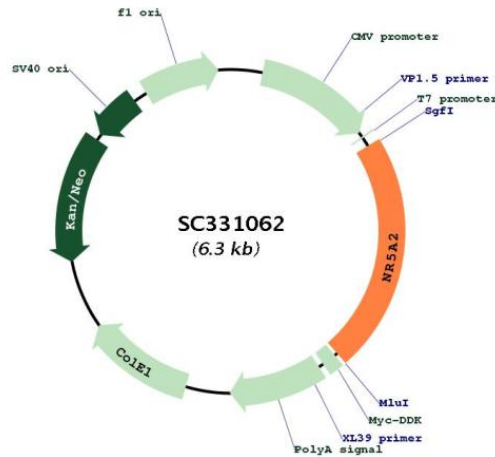
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001276464

Insert Size: 1410 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_001276464.1](#)

RefSeq Size: 4787 bp

RefSeq ORF: 1410 bp

Locus ID: 2494

UniProt ID: [O00482](#)

Cytogenetics:	1q32.1
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways:	Maturity onset diabetes of the young
MW:	53.7 kDa
Gene Summary:	<p>The protein encoded by this gene is a DNA-binding zinc finger transcription factor and is a member of the fushi tarazu factor-1 subfamily of orphan nuclear receptors. The encoded protein is involved in the expression of genes for hepatitis B virus and cholesterol biosynthesis, and may be an important regulator of embryonic development. [provided by RefSeq, Jun 2016]</p> <p>Transcript Variant: This variant (3) has an alternate exon in place of the first two exons compared to variant 1. The resulting isoform (3) uses a downstream translation start site and has a shorter N-terminus compared to isoform 1. 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>