

Product datasheet for **SC336342**

GCNF (NR6A1) (NM_001278546) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GCNF (NR6A1) (NM_001278546) Human Untagged Clone
Tag:	Tag Free
Symbol:	NR6A1
Synonyms:	CT150; GCNF; GCNF1; hGCNF; hRTR; NR61; RTR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336342 representing NM_001278546.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

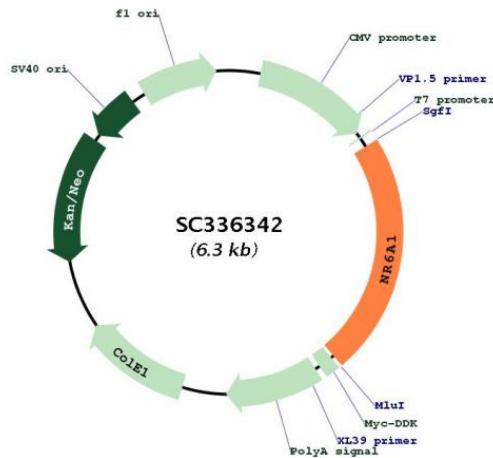
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Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN: NM_001278546

Insert Size: 1431 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:	<ol style="list-style-type: none">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_001278546.1
RefSeq Size:	7052 bp
RefSeq ORF:	1431 bp
Locus ID:	2649
UniProt ID:	Q15406
Cytogenetics:	9q33.3
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
MW:	54 kDa
Gene Summary:	<p>This gene encodes an orphan nuclear receptor which is a member of the nuclear hormone receptor family. Its expression pattern suggests that it may be involved in neurogenesis and germ cell development. The protein can homodimerize and bind DNA, but in vivo targets have not been identified. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jun 2013]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site in the central coding region, compared to variant 1. This results in a shorter protein (isoform 4), 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>