

## Product datasheet for **SC305614**

### GCNF (NR6A1) (NM\_033334) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GCNF (NR6A1) (NM_033334) Human Untagged Clone
Tag:	Tag Free
Symbol:	GCNF
Synonyms:	CT150; GCNF; GCNF1; hGCNF; hRTR; NR61; RTR
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_033334
<b>Insert Size:</b>	1900 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	There is 5 nucleotide difference between the OriGene clone and the NCBI reference ORF. These result in the substitution of 1 aa and deletion of 4 aa.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_033334.2</a></u> , <u><a href="#">NP_201591.2</a></u>
<b>RefSeq Size:</b>	1918 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	2649
<b>UniProt ID:</b>	<u><a href="#">Q15406</a></u>
<b>Cytogenetics:</b>	9q33.3
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
<b>Gene Summary:</b>	<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 (1) represents the longest transcript and encodes the longest 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>