

## Product datasheet for **SC331447**

### **NUR77 (NR4A1) (NM\_001202233) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NUR77 (NR4A1) (NM\_001202233) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NUR77  
**Synonyms:** GFRP1; HMR; N10; NAK-1; NGFIB; NP10; NUR77; TR3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331447 representing NM\_001202233.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGGTTGGCCAAGCCTGTTGGTCCATCCAGAGTGAGATGCCCTGTATCCAAGCCAATATGGGACA
CCAGCACCGAGTCCGGGACCCCGTGACCACCTGGCAAGCGACCCCTGACCCCTGAGTTCATCAAGCCC
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TCAGCCTCCTCCTCGGCCTCTCCACATCTCGTCTCAGCCACCTCCCCTGCCTCTGCCTCCTTCAAG
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GCAGCTGTGGCGGGCAGCCCCAGCCAGCTGCCTGTACGCTGTTGGGCAAACCTGCCCGAGCTG
CGGACCTGTGCACCCAGGGCCTGCAGCGCATCTTCTACCTCAAGCTGGAGGACTTGGTCCCCCTCCA
CCCATCATTGACAAGATCTTCATGGACACGCTGCCCTTCTGA
  
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001202233
<b>Insert Size:</b>	1836 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>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>	<a href="#">NM_001202233.1</a>
<b>RefSeq Size:</b>	2603 bp
<b>RefSeq ORF:</b>	1836 bp
<b>Locus ID:</b>	3164
<b>UniProt ID:</b>	<a href="#">P22736</a>
<b>Cytogenetics:</b>	12q13.13
<b>Protein Families:</b>	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
<b>Protein Pathways:</b>	MAPK signaling pathway
<b>MW:</b>	66 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (3) differs in the 5' structure, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 4. The encoded isoform (2) has a shorter N-terminus compared to isoform 3.</p>