

Product datasheet for **SC312960**

NUR77 (NR4A1) (NM_173158) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUR77 (NR4A1) (NM_173158) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUR77
Synonyms:	Gfrp; GFRP1; Hbr-1; Hbr1; Hmr; HMR, N10, TR3, NP10, GFRP1, NAK-1, NGFIB, NUR77, MGC9485; hormone receptor; N10; NGFI-B; NGFIB; NP10; nuclear receptor subfamily 4, group A, member 1; nur77; TIS1; TR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_173158 edited
 ACGAAACTTGGGGGAGTGACACAGAAGAAGCTTCGGGAGCGCACGCGGGACCAGGGACCAGG
 CTGAGACTCGGGGCGCCAGTCCGGGCAGGGGCAGCGGGAGCCGGCCGGAGATGCCCTGTA
 TCCAAGCCCAATATGGGACACCAGCACCAGTCCGGGACCCCGTGACCACCTGGCAAGCG
 ACCCCCTGACCCCTGAGTTCATCAAGCCACCATGGACCTGGCCAGCCCCGAGGCAGCCC
 CCGCTGCCCCACTGCCCTGCCAGCTTCAGCACCTTCATGGACGGCTACACAGGAGAGT
 TTGACACCTTCCCTACCAGCTGCCAGGAACAGTCCAGCCATGCTCCTCAGCCTCCTCCT
 CGGCCTCCTCACATCCTCGTCCTCAGCCACCTCCCTGCCTCTGCCTCCTTCAAGTTCCG
 AGGACTTCCAGGTGTACGGCTGCTACCCCGCCCCCTGAGCGGCCAGTGGATGAGGCC
 TGTCTCCAGTGGCTCTGACTACTATGGCAGCCCTGCTCGGCCCGTCGCCCTCCACGC
 CCAGCTTCCAGCCGCCAGCTCTCCTGGGATGGCTCCTTCGGCCACTTCTCGCCCA
 GCCAGACTTACGAAGGCCTGCGGGCATGGACAGAGCAGCTGCCAAAGCCTCTGGGCC
 CACAGCCTCCAGCCTTCTTTCTTCAGTCTCCACCGGCCAGCCCCAGCCTGGCC
 AGAGCCCCCTGAAGTTGTTCCCTCACAGGCCACCACCAGCTGGGGGAGGGAGAGAGCT
 ATTCCATGCCTACGGCCTCCAGGTTTGGCACCCACTTCTCCACACCTTGAGGGCTCGG
 GGATACTGGATACACCCGTGACCTCAACCAAGGCCCGGAGCGGGGCCAGGTGGAAGTG
 AAGGCCGTGTGCTGTGTGGGACAACGCTTCATGCCAGCATTATGGTGTCCGCACAT
 GTGAGGGCTGCAAGGGCTTCTTCAAGGTACCGCGCAGCCCAGGTGGGGCCTTTTGTGG
 AAATGGAGAGAGGCTGGCCTCATCCATTGGGACCTGTGGTCTCCCCCTGGGTTCTCCTC
 CTAGCTAAGTCTGTCTGCAGGGTGGGATCAGCCCTGCCAGGTGGGCCCTTCTGGA
 GACCCGTAGATGCCAGGGCTGGAAGCTTTCATTTGCCGGGACACTCGGGCCATGGGATT
 GCACAGAGCTGGAGGGAGGGGTGAGATAGGGGCAGATAGGAGCTGCAGGGGTGCCTGGCG
 AGCCTCTGGTTTTCTCTGCCTCCTGCCTGTCTCCTCCCAACTCAAGTTCTAGTGGGA
 AGGGGTGCCCCAGGCTCTCATGTTCTGCGTGAGATGAAAGGATCCCTGCGGAGGGTT
 TGGTTCTTGAGGGCTGGGGTGGACTTGGGAACAGGCTGTGTGTTTGTCCAGCGATGGT
 GCCTGCTTAGCTTCCCGTCCCCACCCAGCCCTTGGCCCTCTCCTGTCTGCCCTAGG
 GAGAAGGCAGGTGGACAAGGGCCATGAAAAAATACAGGTGTCTAGACTGCCAGGGAGAC
 CCTGGCCCCAGTAGTGTCTGGGACTTCTCAGAGCGAGAAACCTCCCCAATGTC
 TTCAAGACTTTTCTCTCCCCCGCCCAACCCGCTCTCCTCCTTCCACCCAAATGT
 TAGAAAAATAGCTGTGAACAGAGAGCGCTTTTGTCTGCAATGGCAGCAGGATCTGGACGG
 TCCCCTCCCC

Restriction Sites: Please inquire

ACCN: NM_173158

Insert Size: 1800 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).

OTI Annotation: The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference, NM_173158.1.

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:	<u>NM_173158.1, NP_775181.1</u>
RefSeq Size:	1842 bp
RefSeq ORF:	1842 bp
Locus ID:	3164
Cytogenetics:	12q13.13
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways:	MAPK signaling pathway
Gene Summary:	<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), also known as TRCbeta, contains multiple differences compared to variant 1. The resulting isoform (b) contains a shorter and distinct C-terminus compared to isoform a.</p>