

Product datasheet for **SC329536**

NCOA7 (NM_001199621) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCOA7 (NM_001199621) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCOA7
Synonyms:	dj187j11.3; ERAP140; ESNA1; Nbla00052; Nbla10993; NCOA7-AS; TLDC4
Vector:	pCMV6-Entry (PS100001)

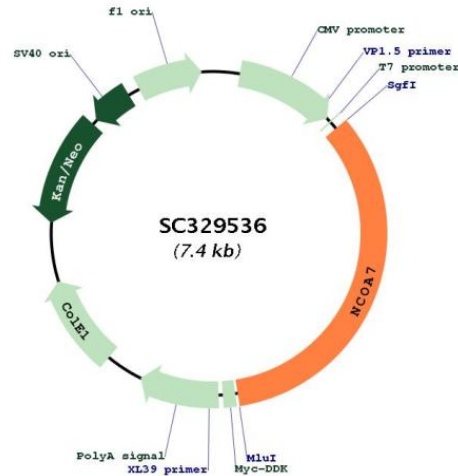


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Fully Sequenced ORF: >SC329536 representing NM_001199621.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGTGGTTCAGAAGCCCCATGGGACTATGGAATACACTGCTGGAACCAGGACACCCTAAACTCCATA
 GCACTGAAATTTAACATCACTCCCAATAAATTGGTGGAAGTGAATAAACTTTTACACATACTATTGTT
 CCAGGCCAGGTCCTTTTTGTGCCAGATGCCAACTCTCCTCCAGTACCTTAAGGCTATCATCATCCAGT
 CCTGGTCTACTGTCTCTCCTTATCATCATCAGATGCAGAATATGATAAAATGCTGATGCTGACTTAGCA
 CGAAAGGCCTTGAAACCCATTGAAAGAGTCTTATCGTCTACTTCTGAAGAAGATGAGCCAGGTGTGGTG
 AAATTTTTAAAAATGAATTGTCGATACTTCACCGATGGAAGGGTGTGGTTGGCGGTGTTATGATAGTG
 ACTCTAAACAACATCATGTTTGACCCTCATAAATCTGATCCTCTGGTTATTGAAAATGGGTGTGAGGAG
 TATGGTCTCATCTGCCCCATGGAAGAGGTTGTTTCCATTGCGCTCTACAATGACATTTCTCACATGAAG
 ATCAAAGATGCCTTGCCATCGCCTGGAGAATGGGAAGACCTGGCTTCAGAAAAGGATATCAACCCATTC
 AGTAAGTTCAAAATCTATCAACAAGGAAAAACGACAGCAGAATGGAGAGAAAATTATGACTTCGGATTCC
 AGACCAATAGTACCTTTGGAGAAGTCCACAGGACATACACCTACAAGCCCTCAGGCAGCTCTGTGTCA
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 AAGGAACCTTCCGACACTTCTTCTGCATTTGAATCTACAGCCAAAGAAAACCTTTCTAGGGGAAGATGAT
 GATTTTGTGACTTGAAGAACTTTCTTCTCAAACCTGGTGGTGAATGCACAAAAAGACACCTTGAAG
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 AGAAAATCCTTTGCCACTCACACTGCAGCCATGGTCCAGCAGTACGGCAAACGGAGAAAGCAGCCAGAG
 TACTGGTTTGTGTTCTCGGGAGAGGGTGGATCATTGTACACATTCTTTGTTCAAGTGGTCTCCCGAT
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 AACTTCTCAGTGAGCCAAACCAAGAGCTGGGAGATCATCACTGTTGAAGAGGCAAGCGCAGGAAG
 AGCACATGCAGCTACTATGAAGACGAGGACGAAGAGGTGCTGCCTGTCTACGGCCACAGCGCGCTC
 CTGGAGAATATGCACATCGAGCAGCTGGCCGACGCTTCTGCAAGGGTGAAGGGTATCCATGGAGA
 CTGGCCTATAGCACGTTAGAGCACGGGACCAGCTTAAAGACGCTCTACCGGAAATCGGCATCACTAGAC
 AGTCTGTCTATTGGTCATCAAAGATATGGATAATCAGATTTTGGAGCATATGCAACTCATCCTTTC
 AAGTTCAGTGACCACTATTATGGCACAGGCGAACTTTTCTCTACACATTCAGCCCTCATTTTAAGGTC
 TTTAAGTGGAGTGGAGAAAATTCATACTTTATCAATGGAGACATAAGTTCCTTTAGAACTTGGTGGTGA
 GGGGACGATTTGGTTTATGGCTAGATGCTGATTTATACCACGGACGAAGCAACTCTTGCAGCACTTTC
 AATAATGATATTCTTTCAAAAAGGAAGACTTCATAGTTCAGGATCTGGAGGTGTGGCATTGATGA

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001199621

Insert Size: 2484 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_001199621.1](#)

RefSeq Size: 6203 bp

RefSeq ORF: 2484 bp

Locus ID: 135112

UniProt ID: [Q8NI08](#)

Cytogenetics: 6q22.31-q22.32

Protein Families: Druggable Genome

MW: 92.5 kDa

Gene Summary:

Enhances the transcriptional activities of several nuclear receptors. Involved in the coactivation of different nuclear receptors, such as ESR1, THRB, PPARG and RARA.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (5) lacks an internal exon, resulting in a downstream in-frame AUG start codon, and uses an alternate in-frame splice site, compared to variant 1. The resulting isoform (3) has a shorter N-terminus and lacks an internal segment, compared to isoform 1.