

Product datasheet for RC224001L3

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NCOA1 (NM_147233) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: NCOA1 (NM_147233) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: NCOA1

Synonyms: bHLHe42; bHLHe74; F-SRC-1; KAT13A; RIP160; SRC1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

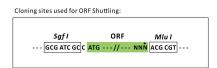
E. coli Selection: Chloramphenicol (34 ug/mL)

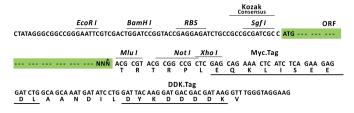
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC224001).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_147233

ORF Size: 4320 bp





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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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 147233.2, NP 671766.1

RefSeq Size:6892 bpRefSeq ORF:4323 bpLocus ID:8648

UniProt ID: Q15788

Cytogenetics: 2p23.3

Domains: PAS, HLH

Protein Families: Druggable Genome, Transcription Factors

MW: 156.4 kDa

Gene Summary: The protein encoded by this gene acts as a transcriptional coactivator for steroid and nuclear

hormone receptors. It is a member of the p160/steroid receptor coactivator (SRC) family and like other family members has histone acetyltransferase activity and contains a nuclear localization signal, as well as bHLH and PAS domains. The product of this gene binds nuclear receptors directly and stimulates the transcriptional activities in a hormone-dependent fashion. Alternatively spliced transcript variants encoding different isoforms have been

identified. [provided by RefSeq, Jul 2008]