

Product datasheet for RC201863L4

OriGene Technologies, Inc.

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ASC1 (TRIP4) (NM_016213) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ASC1 (TRIP4) (NM 016213) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: ASC1

Synonyms: ASC-1; ASC1; HsT17391; MDCDC; SMABF1; ZC2HC5

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201863).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_016213

ORF Size: 1743 bp





ASC1 (TRIP4) (NM_016213) Human Tagged Lenti ORF Clone - RC201863L4

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: <u>NM 016213.3</u>

 RefSeq Size:
 2044 bp

 RefSeq ORF:
 1746 bp

 Locus ID:
 9325

 UniProt ID:
 Q15650

Cytogenetics: 15q22.31

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

MW: 66 kDa

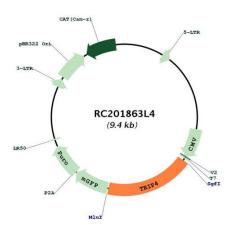
Gene Summary: This gene encodes a subunit of the tetrameric nuclear activating signal cointegrator 1 (ASC-1)

complex, which associates with transcriptional coactivators, nuclear receptors and basal transcription factors to facilitate nuclear receptors-mediated transcription. This protein is localized in the nucleus and contains an E1A-type zinc finger domain, which mediates interaction with transcriptional coactivators and ligand-bound nuclear receptors, such as thyroid hormone receptor and retinoid X receptor alpha, but not glucocorticoid receptor. Mutations in this gene are associated with spinal muscular atrophy with congenital bone

fractures-1 (SMABF1). [provided by RefSeq, Apr 2016]



Product images:



Circular map for RC201863L4