

## Product datasheet for **RC201863L3V**

### ASC1 (TRIP4) (NM\_016213) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ASC1 (TRIP4) (NM_016213) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ASC1
Synonyms:	ASC-1; ASC1; HsT17391; MDCDC; SMABF1; ZC2HC5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016213
ORF Size:	1743 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201863).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_016213.3</a>
RefSeq Size:	2044 bp
RefSeq ORF:	1746 bp
Locus ID:	9325
UniProt ID:	<a href="#">Q15650</a>
Cytogenetics:	15q22.31
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
MW:	66 kDa



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**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]