

## Product datasheet for RC211240L4V

## OriGene Technologies, Inc.

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## ASC2 (PYDC1) (NM\_152901) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** ASC2 (PYDC1) (NM\_152901) Human Tagged ORF Clone Lentiviral Particle

Symbol: ASC2

Synonyms: ASC2; cPOP1; POP1; PYC1

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

**ACCN:** NM\_152901

ORF Size: 267 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC211240).

Sequence:

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.

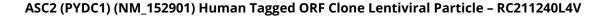
**RefSeg:** NM 152901.1

RefSeq Size: 582 bp
RefSeq ORF: 270 bp
Locus ID: 260434
UniProt ID: Q8WXC3
Cytogenetics: 16p11.2

**Protein Pathways:** NOD-like receptor signaling pathway

**MW:** 10.1 kDa







**Gene Summary:** 

Associates with PYCARD/ASC and modulates its ability to collaborate with MEFV/pyrin and NLRP3/cryopyrin in NF-kappa-B and pro-caspase-1 activation. Suppresses kinase activity of NF-kappa-B inhibitor kinase (IKK) complex, expression of NF-kappa-B inducible genes and inhibits NF-kappa-B activation by cytokines and LPS.[UniProtKB/Swiss-Prot Function]