

Product datasheet for **RC211240L4V**

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



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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]