OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP311240

ASC2 (PYDC1) (NM_152901) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PYD (pyrin domain) containing 1 (PYDC1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211240 protein sequence Red=Cloning site Green=Tags(s) MGTKREAILKVLENLTPEELKKFKMKLGTVPLREGFERIPRGALGQLDIVDLTDKLVASYYEDYAAELVV AVLRDMRMLEEAARLQRAA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_690865
Locus ID:	260434
UniProt ID:	Q8WXC3
RefSeq Size:	582
Cytogenetics:	16p11.2

View online »

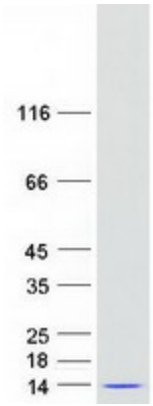
RefSeq ORF: 267

Synonyms: ASC2; cPOP1; POP1; PYC1

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]

Protein Pathways: NOD-like receptor signaling pathway

Product images:



Coomassie blue staining of purified PYDC1 protein (Cat# TP311240). The protein was produced from HEK293T cells transfected with PYDC1 cDNA clone (Cat# [RC211240]) using MegaTran 2.0 (Cat# [TT210002]).