

Product datasheet for TP311240M

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

ASC2 (PYDC1) (NM_152901) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human PYD (pyrin domain) containing 1 (PYDC1), 100 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC211240 protein sequence or AA 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





ASC2 (PYDC1) (NM_152901) Human Recombinant Protein - TP311240M

RefSeq ORF: 267

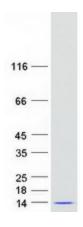
Synonyms: ASC2; cPOP1; POP1; PYC1

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]).