

Product datasheet for PH311240

OriGene Technologies, Inc.

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ASC2 (PYDC1) (NM_152901) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: PYDC1 MS Standard C13 and N15-labeled recombinant protein (NP_690865)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

or AA Sequence:

RC211240

Predicted MW: 10.1 kDa

Protein Sequence: >RC211240 protein sequence

Red=Cloning site Green=Tags(s)

MGTKREAILKVLENLTPEELKKFKMKLGTVPLREGFERIPRGALGQLDIVDLTDKLVASYYEDYAAELVV

AVLRDMRMLEEAARLQRAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: >0.05 μg/μL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 690865

RefSeq Size: 582 RefSeq ORF: 267

Synonyms: ASC2; cPOP1; POP1; PYC1

 Locus ID:
 260434

 UniProt ID:
 Q8WXC3

 Cytogenetics:
 16p11.2





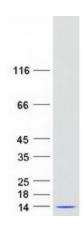
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Summary: Associates with PYCARD/ASC and modulates its ability to collaborate with MEFV/pyrin and

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]).