

Product datasheet for **TP311240M**

ASC2 (PYDC1) (NM_152901) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| 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 or AA Sequence: | >RC211240 protein sequence Red =Cloning site Green =Tags(s) |
| | MGTKREAILKVLLENLTPEELKKFKMKLGTVPLREGFERIPRGALGQLDIVDLTDKLVASYEDYAAELVV AVLRDMRMLEEAARLQRAA |
| | TR TRPLEQKLISEEDLAANDILDYKDDDDKV |
| 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 |



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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]).