

Product datasheet for TP314665L

PYDC2 (NM_001083308) Human Recombinant Protein

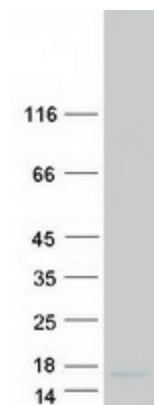
Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human pyrin domain containing 2 (PYDC2), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC214665 representing NM_001083308 Red =Cloning site Green =Tags(s) MASSAELDFNLQALLEQLSQDELSKFKSLIRTISLGKELQTPVQTEVDKANGKQLVEIFTSHSCSYWAGM AAIQVFEKMNQTHLSGRADEHCVMPPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 10.6 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_001076777 |
| Locus ID: | 152138 |
| UniProt ID: | Q56P42 |
| RefSeq Size: | 294 |
| Cytogenetics: | 3q28 |


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|-------------|--|
| RefSeq ORF: | 291 |
| Synonyms: | cPOP2; POP2 |
| Summary: | May play a role in innate immunity by disrupting the interaction between PYCARD and NLRP3, thereby regulating the NLRP3 inflammasome (PubMed:17339483, PubMed:17178784). May also inhibit NF-kappa-B signaling distally by affecting the nuclear accumulation of RELA (PubMed:17339483, PubMed:24871464).[UniProtKB/Swiss-Prot Function] |

Product images:



Coomassie blue staining of purified PYDC2 protein (Cat# [TP314665]). The protein was produced from HEK293T cells transfected with PYDC2 cDNA clone (Cat# [RC214665]) using MegaTran 2.0 (Cat# [TT210002]).