

Product datasheet for **TP314665**

PYDC2 (NM_001083308) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pyrin domain containing 2 (PYDC2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214665 representing NM_001083308 Red =Cloning site Green =Tags(s) MASSAELDFNLQALLEQLSQDELSKFKSLIRTISLGKELQTPQTEVDKANGKQLVEIFTSHSCSYWAGM AAIQVFEKMNQTHLSGRADEHCVMPPP TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<u>NP_001076777</u>
Locus ID:	152138
UniProt ID:	<u>Q56P42</u>
RefSeq Size:	294
Cytogenetics:	3q28



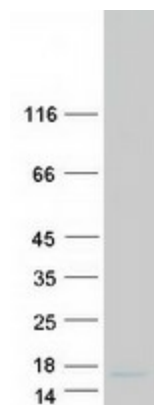
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RefSeq ORF: 291

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]).