

Recombinant Human PYDC2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PYDC2-2943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PYDC2 MS Standard C13 and N15-labeled recombinant protein (NP_001076777) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May play a role in innate immunity by disrupting the interaction between PYCARD and NLRP3, thereby regulating the NLRP3 inflammasome. May also inhibit NF-kappa-B signaling distally by affecting the nuclear accumulation of RELA.
Molecular Mass	10.6 kDa
AA Sequence	MASSAELDFNLQALLEQLSQDELSKFKSLIRTISLGKELQTVPPQTEVDKANGKQLVEI FTSHSCSYWAGMAAIQVFEKMNQTHLSGRADEHCVMPPTTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	50 µg/mL as determined by BCA
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Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
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GENE INFORMATION

Gene Name	PYDC2 pyrin domain containing 2 [Homo sapiens (human)]
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Official Symbol	PYDC2
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Synonyms	PYDC2; pyrin domain containing 2; POP2; cPOP2; pyrin domain-containing protein 2; cellular POP2; pyrin-only protein 2
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Gene ID	152138
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mRNA Refseq	NM_001083308
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Protein Refseq	NP_001076777
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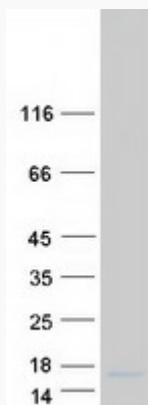
MIM	615701
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UniProt ID	Q56P42
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SDS-PAGE

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