

Product datasheet for PH314665

PYDC2 (NM_001083308) Human Mass Spec Standard

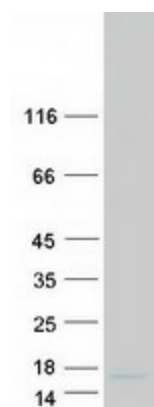
Product data:

Product Type:	Mass Spec Standards
Description:	PYDC2 MS Standard C13 and N15-labeled recombinant protein (NP_001076777)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214665
Predicted MW:	10.6 kDa
Protein Sequence:	<p>>RC214665 representing NM_001083308</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MASSAELDFNLQALLEQLSQDELSKFKSLIRTISLGKELQTPQTEVDKANGKQLVEIFTSHSCSYWAGM AAIQVF EKMNQTHLSGRADEHCVMPPP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_001076777</u>
RefSeq Size:	294
RefSeq ORF:	291
Synonyms:	cPOP2; POP2
Locus ID:	152138
UniProt ID:	<u>Q56P42</u>
Cytogenetics:	3q28


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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]).