

Product datasheet for PH312451

PID1 (NM_017933) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PID1 MS Standard C13 and N15-labeled recombinant protein (NP_060403)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212451
Predicted MW:	27.9 kDa
Protein Sequence:	>RC212451 representing NM_017933 Red=Cloning site Green=Tags(s) MPRIAGNHLMLEESRTCSSPELLDGVWPCQPLHFGLPASEMHFQTMLKSKLNVLTLLKKEPLPAVIFHEPE AIELCTTTPLMKTRTHSGCKVTYLGVVSTGMQFLSGCTEKPVIELWKKHTLAREDVFPANALLEIRPFQ VWLHHLDHKGEATVHMDTFQVARIAYCTADHNVSPNIFAWVYREINDDL SYQMDCHAVECESKLEAKKLA HAMMEAFRKTFFHSMKSDGRIHSNSSEEVSQELESDDG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_060403
RefSeq Size:	2745
RefSeq ORF:	744
Synonyms:	HMFN2073; NYGGF4; P-CLI1; PCLI1
Locus ID:	55022
UniProt ID:	Q7Z2X4

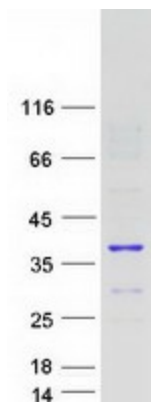


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Cytogenetics: 2q36.3

Summary: Increases proliferation of preadipocytes without affecting adipocytic differentiation.
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PID1 protein (Cat# [TP312451]). The protein was produced from HEK293T cells transfected with PID1 cDNA clone (Cat# [RC212451]) using MegaTran 2.0 (Cat# [TT210002]).