

Product datasheet for PH302119

PDCD5 (NM_004708) Human Mass Spec Standard

Product data:

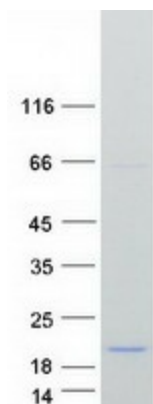
Product Type:	Mass Spec Standards
Description:	PDCD5 MS Standard C13 and N15-labeled recombinant protein (NP_004699)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202119
Predicted MW:	14.3 kDa
Protein Sequence:	>RC202119 protein sequence Red=Cloning site Green=Tags(s) MADEELEALRRQRLAELQAKHGDPGDAAQEAKHREAEMRNSILAQVLDQSARARLSNLALVKPEKTKAV ENYLIQMARYGQLSEKVSEQGLIEILKKVSQQTEKTTTVKFNRRKVMDSDEDDDY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	NP_004699
RefSeq Size:	604
RefSeq ORF:	375
Synonyms:	TFAR19
Locus ID:	9141
UniProt ID:	O14737
Cytogenetics:	19q13.11



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Summary:

This gene encodes a protein that is upregulated during apoptosis where it translocates rapidly from the cytoplasm to the nucleus. The encoded protein may be an important regulator of K(lysine) acetyltransferase 5 (a protein involved in transcription, DNA damage response and cell cycle control) by inhibiting its proteasome-dependent degradation. Pseudogenes have been identified on chromosomes 5 and 12 [provided by RefSeq, Dec 2010]

Product images:

Coomassie blue staining of purified PDCD5 protein (Cat# [TP302119]). The protein was produced from HEK293T cells transfected with PDCD5 cDNA clone (Cat# [RC202119]) using MegaTran 2.0 (Cat# [TT210002]).