

Product datasheet for PH302030

PDCD6 (NM_013232) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PDCD6 MS Standard C13 and N15-labeled recombinant protein (NP_037364)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202030
Predicted MW:	21.9 kDa
Protein Sequence:	>RC202030 protein sequence Red=Cloning site Green=Tags(s) MAAYSYRPGPGAGPGAAGAALPDQSFLWNVQFQVDRKDRSGVISDTELQQALSNGTWPFPVTVRSIIS MFDRENKAGVNFSEFTGVWKYITDWQNVFRTYDRDMSGMIDKNELKQALSGFGYRLSDQFHDILIRKFDR QGRGQIAFDDFIQGCIVLQRLTDIFRRYDQDQGWIQVSYEQYLSMVFSIV 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- 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_037364
RefSeq Size:	1151
RefSeq ORF:	573
Synonyms:	ALG-2; ALG2; PEF1B
Locus ID:	10016
UniProt ID:	O75340 , Q53FC3



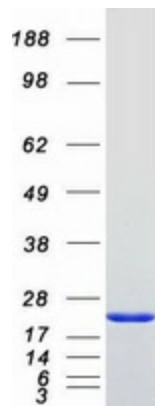
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Cytogenetics: 5p15.33

Summary: This gene encodes a calcium-binding protein belonging to the penta-EF-hand protein family. Calcium binding is important for homodimerization and for conformational changes required for binding to other protein partners. This gene product participates in T cell receptor-, Fas-, and glucocorticoid-induced programmed cell death. In mice deficient for this gene product, however, apoptosis was not blocked suggesting this gene product is functionally redundant. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is also located on the short arm of chromosome 5. [provided by RefSeq, May 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PDCD6 protein (Cat# [TP302030]). The protein was produced from HEK293T cells transfected with PDCD6 cDNA clone (Cat# [RC202030]) using MegaTran 2.0 (Cat# [TT210002]).