

Recombinant Human PDCD6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDCD6-2556H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDCD6 MS Standard C13 and N15-labeled recombinant protein (NP_037364) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	21.9 kDa
AA Sequence	MAAYSYPGPGAGPGPAAGAALPDQSFLWNVFQRVDKDRSGVISDTLQQALSNG TWTPFNPVTVRSIISDFDRENKAGVNFSEFTGVWKYITDWQNVFRTYDRDNSGMID KNELKQALSGFGYRLSDQFHDILIRKFDRQGRGQIAFDDFIQGCIVLQRLTDIFRRYD TDQDGWIQVSYEQYLSMVFSIVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

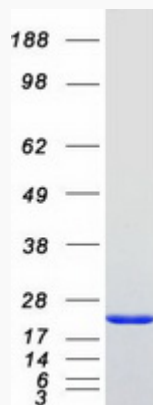
Gene Name	PDCD6 programmed cell death 6 [Homo sapiens (human)]
Official Symbol	PDCD6
Synonyms	PDCD6; programmed cell death 6; programmed cell death protein 6; ALG 2; apoptosis linked gene 2; PEF1B; apoptosis-linked gene-2; apoptosis-linked gene 2 protein; probable calcium-binding protein ALG-2; ALG-2; MGC9123; FLJ46208; MGC111017; MGC119050;
Gene ID	10016
mRNA Refseq	NM_013232
Protein Refseq	NP_037364
MIM	601057
UniProt ID	O75340

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SDS-PAGE



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