

## Product datasheet for **TP302030M**

### **PDCD6 (NM\_013232) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human programmed cell death 6 (PDCD6), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC202030 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MAAYSYPGPGAGPGPAAGAALPDQSFLWNVVFQRVDKDRSGVISDTELQQALSNGTWTPFNPVTVRSIIS MFDRENKAGVNFSEFTGVWKYITDWQNVFRTYDRDNSGMIDKNELKQALSGFGYRLSDQFHDLIRKFDR QGRGQIAFDDFIQGCIVLQRLTDIFRRYDTDQDGWIQVSYEQYLSMVFSIV  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	21.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_037364</a>
<b>Locus ID:</b>	10016
<b>UniProt ID:</b>	<a href="#">O75340</a> , <a href="#">Q53FC3</a>
<b>RefSeq Size:</b>	1151



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Cytogenetics: 5p15.33

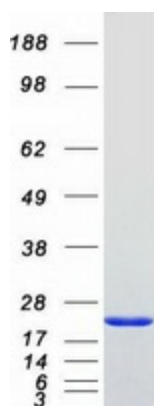
RefSeq ORF: 573

Synonyms: ALG-2; ALG2; PEF1B

**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]).