

Product datasheet for **TP302030**

PDCD6 (NM_013232) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human programmed cell death 6 (PDCD6), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202030 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAYSYRPGPGAGPGPAAGAALPDQSFLWNVVFQRVDKDRSGVISDTELQQALSNGTWTPFNPVTVRSIIS
MFDRENKAGVNFSEFTGVWKYITDWQNVFRTYDRDNSGMIDKNELKQALSGFGYRLSDQFHDLIRKFDR
QGRGQIAFDDFIQGCIVLQRLTDIFRRYDTDQDGWIQVSYEQYLSMVFSIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_037364](#)

Locus ID: 10016

UniProt ID: [O75340](#), [Q53FC3](#)

RefSeq Size: 1151



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Cytogenetics: 5p15.33

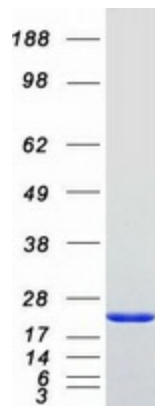
RefSeq ORF: 573

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]).