

Recombinant Human PDCD4 Protein, His-tagged

Cat. No. PDCD4-484H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDCD4, transcript variant 1, fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	17kD
AA Sequence	MKASHREMTSKLLSDLCGTVMSTTDVEKSFDKLLKDLPELALDTPRAPQLVGQFIAR AVGDGILCNTYIDSYKGTVDVCVQARAALDKATVLLSMSKGGKRKDSVWGSGGGQQ SVNHLVKEIDMLLKEYLLSGDISEAEHCLKELEVPLEHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

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lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	PDCD4 programmed cell death 4 (neoplastic transformation inhibitor) [Homo sapiens]
Official Symbol	PDCD4
Synonyms	PDCD4; programmed cell death 4 (neoplastic transformation inhibitor); programmed cell death protein 4; H731; nuclear antigen H731; protein 197/15a; neoplastic transformation inhibitor protein; MGC33046; MGC33047;
Gene ID	27250
mRNA Refseq	NM_001199492
Protein Refseq	NP_001186421
MIM	608610
UniProt ID	Q53EL6

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