

Product information

PDCD4, 1-469 aa

Human, Recombinant, *E.coli*

Cat. No. IBPDC0801

Full name: Programmed cell death 4 isoform 1

NCBI Accession No.: NP_055271

Synonyms: Neoplastic transformation inhibitor, H731

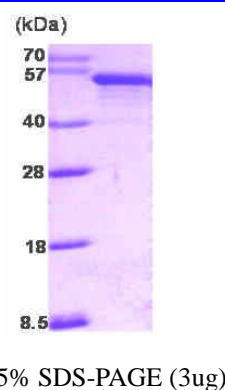
Description: PDCD4 (Programmed cell death 4) encodes a tumor suppressor protein whose expression is lost in progressed carcinomas of lung, breast, colon, and prostate. The expression of PDCD4 gene is strongly induced during apoptosis in a number of cell types. It is modulated by cytokines in natural killer and T cells. Recombinant human PDCD4, was expressed in *E.coli* and purified by conventional chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT
100 mM NaCl

Molecular Weight: 51 kDa (469 aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

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MDVENEQILN VNPADPDNLS DSLFSGDEEN AGTEEIKNEI NGNWISAYSI NEARINAKAK RRLRKNSSRD SGRGDSVSDS GSDALRSGLT
VPTSPKGRLL DRRSRSGKGR GLPKKGGAGG KGVWGTGQV YDVEEVDVKD PNYDDQENC VYETVVLPLD ERAFEKTLTP IIQEYFEHGD
TNEVAEMLRD LNLGEMKSGV PVLAVSLALE GKASHREMTS KLLSDLGTV MSTTDVEKSF DKLLKDLPEL ALDTPRAPQL VGQFIARAVG
DGILCNTYID SYKGTVDCVQ ARAALDKATV LLSMSKGGKR KDSVWGGGG QGSVNLVKE IDMLLKEYLL SGDISEAEHC LKELEVPFH
HELVYEAII M VLESTGESTF KMILDLLKSL WKSSTITVDQ MKRGYERIYN EIPDINLDVP HSYSVLERFV EECFQAGIIS KQLRDLCP SR
GRKRFVSEGD GGRLKPESY
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General references:

Yoshinaga H., *et al.* (1999) *Pathol Int.* 49(12):1067-77.

Palamarchuk A., *et al.* (2006) *Cancer Res.* 65(24):11282-6.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.