

32-8178: Recombinant Human PDCD4/H731 (C-6His)

Gene : PDCD4
Gene ID : 27250
Uniprot ID : Q53EL6

Description

Source: E. coli.
MW :17kD.

Recombinant Human Programmed Cell Death Protein 4 is produced by our E.coli expression system and the target gene encoding Lys212-Pro357 is expressed with a 6His tag at the C-terminus. Programmed Cell Death Protein 4 (PDCD4) is a member of the PDCD4 family. PDCD4 and EIF4A1 form a heterotrimer. One molecule of PDCD4 binds two molecules of EIF4A1. PDCD4 takes part in apoptosis via inhibiting translation initiation and cap-dependent translation. PDCD4 promotes colonic neoplastic transformation and tumor invasion. PDCD4 is an important target for microrna R-21 in breast cancer cells. Shortage of PDCD4 expression is associated with colorectal cancer. Overexpression of PDCD4 in carcinoid cells results in inhibition of cell proliferation.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MKASHREMTSKLLSDLCGTVMSTTDVEKSFDKLLKDLPELALDTPRAPQLVGQFIARAVGDGILCNTYIDSYKGT
VDCVQARAALDKATVLLSMSKGGKRKDSVWVGSGGGQQSVNHLVKEIDMLLKEYLLSGDISEAEHCLKELEVPL
EHHHHHH

Application Note

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 lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.