

Recombinant Human PDCD4/H731 Protein(C-6His)

Cat.NO.: TP05318

3th Edition

Synonyms:Programmed Cell Death Protein 4; Neoplastic Transformation Inhibitor Protein; Nuclear Antigen H731-Like; Protein 197/15a; PDCD4; H731

Description: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.

Form:PBS

Molecular Weight:17.0 kDa

Sequences:Lys212-Pro357

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.