

32-4418: Recombinant Human Programmed Cell Death 6

Alternative Name : Programmed cell death 6,ALG-2,PEF1B,Apoptosis-linked gene 2 protein,Probable calcium-binding protein ALG-2,FLJ46208,MGC111017,MGC119050,MGC9123.

Description

Source : Escherichia Coli. PDCD6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (1-191a.a.) and having a molecular mass of 24.0 kDa. PDCD6 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PDCD6 is a calcium-binding protein and is a member of the penta-EF-hand protein family. Calcium binding is vital for homodimerization and for conformational changes essential for binding to other protein partners. PDCD6 takes part in T cell receptor-, Fas-, and glucocorticoid-induced programmed cell death. However, tests showed that in mice deficient for PDCD6, apoptosis was not blocked which suggests that PDCD6 is functionally redundant.

Product Info

Amount : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The PDCD6 protein solution (0.5mg/1ml) is formulated in 10mM sodium citrate (pH 3.5) and 40% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MAAYSYPGP GAGPGPAAGA ALPDQSFLWN VFQRVDKDRS
 GVISDTLQQ ALSNGTWTPF NPVTVRSIIS MFDRENKAGV NFSEFTGVWK YITDWQNVFR TYDRDNSGMI
 DKNELKQALS GFGYRLSDQF HDILIRKFDR QGRGQIAFDD FIQGCIVLQR LTDIFRRYDT DQDGIQVSY
 EQYLSMVFSI V

