

## 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 GAGPGAAGA ALPDQSFLWN VFQRVDKDRS  
 GVISDTLQQ ALSNGTWTPF NPVTVRSIIS MFDRENKAGV NFSEFTGVWK YITDWQNVFR TYDRDNSGMI  
 DKNELKQALS GFGYRLSDQF HDILIRKFDR QGRGQIAFDD FIQGCIVLQR LTDIFRRYDT DQDGIQVSY  
 EQYLSMVFSI V

