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# PDCD6 Human

**Description:**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 &amp; purified by proprietary chromatographic techniques.

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

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MAAYSYRPGP GAGPGPAAGA ALPDQSFLWN VFQRVDKDRS GVISDTELQQ ALSNGTWTPF NPVTVRSIIS MFDRENKAGV NFSEFTGVWK YITDWQNVFR TYDRDNSGMI DKNELKQALS GFGYRLSDQF HDILIRKFDR QGRGQIAFDD FIQGCIVLQR LTDIFRRYDT DQDGWIQVSY EQYLSMVFSI V

**Purity:**Greater than 95% as determined by SDS-PAGE.

**Formulation:**

The PDCD6 protein solution (0.5mg/1ml) is formulated in 10mM sodium citrate (pH 3.5) and 40% glycerol.

**Usage:**

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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 sµggests that PDCD6 is functionally redundant.

**Storage:**

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 storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

***To place an order, please Click HERE.***

**Catalog #:**PRPS-191

For research use only.