

32-4419: Recombinant Human Programmed Cell Death 6 Interacting Protein

Alternative Name AIP1,Alix,PDCD6-Interacting Protein,DRIP4,ALG-2 interacting protein 1,Programmed cell death 6-interacting protein,Hp95,PDCD6IP,KIAA1375,MGC17003.

Description

Source : Escherichia Coli. PDCD6IP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 412 amino acids (1-392 a.a.) and having a molecular mass of 45.8 kDa. The PDCD6IP is fused to a 20 amino acid His-tag at N-terminus and purified by conventional chromatography. PDCD6IP is a Class E VPS protein which participates in concentration and sorting of cargo proteins of the multivesicular body or incorporation into intraluminal vesicles that are generated by invagination and scission from the limiting membrane of the endosome. PDCD6IP binds to the phospholipid lysobisphosphatidic acid which is abundant in MVBs internal membranes. The MVB pathway appears to require the sequential function of ESCRT-O, -I,-II and -III complexes. PDCD6IP is an adapter for a subset of ESCRT-III proteins, such as CHMP4, to function at distinct membranes. PDCD6IP is mandatory for completion of cytokinesis. PDCD6IP takes part in HIV-1 virus budding. PDCD6IP replaces TSG101 in its function of supporting HIV-1 release. PDCD6IP takes part in the regulation of both apoptosis and cell proliferation. PDCD6IP is a cytoplasmic protein that cooperates with apoptosis-associated proteins (ALG-2 and PDCD6) and with the endocytosis-regulator CIN85. Overexpression of PDCD6IP and endophilin

Product Info

Amount : 25 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT and 10% 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 storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MATFISVQLK KTSEVDLAKP LVKFIQQTYP SGGEEQAQYC
RAAEELSKLR RAAVGRPLDK HEGALETLLR YYDQICSIEP KFPFSENQIC LTFTWKDAFD
KGSFLGGSVK LALASLGYEK SCVLFNCAAL ASQIAAEQNL DNDEGLKIAA KHYQFASGAF
LHIKETVLSA LSREPTVDIS PDTVGTLSLI MLAQAQEVFF LKATRDKMKD AIIAKLANQA
ADYFGDAFKQ CQYKDTLPKE VFPVLAAKHC IMQANAAYHQ SILAKQKQKF GEEIARLQHA
AELIKTVASR YDEYVNVKDF SDKINRALAA AKKDNDFIYH DRVPDLKDL D PIGKATLVKS
TPVNVPI SQK FTDLFEKMVP VSVQQSLAAY NQRKADLVNR SIAQMREATT LA.

