

## 32-4405: Recombinant Human PCI Domain Containing 2

**Alternative Name :** PCI Domain Containing 2, CSN12-Like Protein, PCI Domain-Containing Protein 2, F10, PCI domain-containing protein 2.

### Description

Source : E.coli. PCID2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 341 amino acids (80-399 a.a) and having a molecular mass of 39.3kDa. PCID2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PCI Domain Containing 2 (PCID2) is expressed in immature and early-stage B lymphocytes and regulates the expression of mitotic checkpoint protein MAD2. PCID2 is a component of the TREX-2 complex, transcription and export complex 2, this complex functions in docking export-competent ribonucleoprotein particles (mRNPs) to the nuclear entrance of the nuclear pore complex, nuclear basket.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 85% as determined by SDS-PAGE.   |
| <b>Content :</b>           | PCID2 protein solution (1.0 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.  |
| <b>Storage condition :</b> | 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.  |
| <b>Amino Acid :</b>        | MGSSHHHHH SSGLVPRGSH MAYKCQTVIV QSFLRAFQAH KEENWALPVM YAVALDLRVF<br>ANNADQQLVK KGSKVGDML EKAAELLMSC FRVCASDTRA GIEDSKKWGM LFLVNQLFKI YFKINKLHLC<br>KPLIRAIIDSS NLKDDYSTAQ RVTYKYYVGR KAMFDSDFKQ AEEYLSFAFE HCHRSSQKNK RMILIYLLPV<br>KMLLGHMPTV ELLKKYHLMQ FAEVTRAVSE GNLLLLHEAL AKHEAFFIRC GIFLILEKLK IITYRNLFKK<br>VYLLLKTHQL SLDAFLVALK FMQVEDVDID EVQCILANLI YMGHVKGYS HQHQKLVSQ QNPFPPLSTV C. |

