
Product Data Sheet

Product Name: PCID2 Human
 Cat. No.: GP24135
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PCI Domain Containing 2; CSN12-Like Protein; PCIDomain-Containing Protein 2; F10; PCI domain-containing protein 2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAYKCQTVIV QSFLRAFQAH KEENWALPVM YAVALDLRVF ANNADQQLVK KGKSKVGDMLEKAAELLMSC FRVCASDTRA GIEDSKKWGM LFLVNQLFKI YFKINKLHLC KPLIRAIDSS NLKDDYSTAQRVTYKYYVGR KAMFDSDFKQ AEEYLSFAFEHCHRSSQKNK RMILIYLLPV KMLLGHMPTV ELLKKYHLMQ FAEVTRAVSEGNNLLLHEAL AKHEAFFIRC GIFLILEKLIK IITYRNLFKK VYLLLKTHQL SLDAFLVALK FMQVEDVDIDEVQCILANLI YMGHVKGYS HQHQKLVVSK QNPFPPPLSTV C.		
Formulation	PCID2 protein solution (1.0 mg/ml) containing 20mMTris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

Introduction

PCIDomain Containing 2 (PCID2) is expressed in immature and early-stage Blymphocytes and regulates the expression of mitotic checkpoint protein MAD2. PCID2is a component of the TREX-2 complex, transcription and export complex 2, thiscomplex functions in docking export-competent ribonucleoprotein particles(mRNPs) to the nuclear entrance of the nuclear pore complex, nuclear basket.

Stability

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.

Background

PCID2 Human Recombinant produced in E.Coli is a single,non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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