

**CARD17, 1-110aa, Human, His tag, E.coli**

**Cat.NO.: TP01429**

3th Edition

**Synonyms:** Caspase recruitment domain-containing protein 17, Caspase recruitment domain family, member 17, INCA

**Description:** CARD17 is a regulator of procaspase-1/CASP1 activation implicated in the regulation of the proteolytic maturation of pro-IL-1 $\beta$ /IL1B and its release during inflammation. This protein inhibits the release of IL1B in response to LPS in monocytes. However, unlike CASP1, CARD17 do not induce NF-kappa-B activation. Recombinant human CARD17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

**Molecular Weight:** 14.3 kDa (133aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMADKVLKEKRKQFIRSVGEGTINGLLGELLETRVLSQEEIEIVKCENATVMDK  
ARALLDSVIRKGAPACQICITYICEEDSHLAGTLGLSAGPTSGNHLTTQDSQIVLPS

**Purity:** > 95% by HPLC

**Concentration:** 1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.