

CARD18, 1-90aa, Human, His tag, E.coli

Cat.NO.: TP01430

3th Edition

Synonyms:Caspase recruitment domain-containing protein 18, ICEBERG, pseudo-ICE, UNQ5804.

Description:Caspase recruitment domain-containing protein 18, also known as CARD18, is a member of the death-domain-fold superfamily that is induced by proinflammatory stimuli. It consists essentially only of a CARD, inhibits generation of IL-1b by interacting with caspase-1 and preventing association with RIP 2.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Molecular Weight:12.3 kDa (110aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMADQLLRKKRRIFIHSVGAGTINALDCLLEDEVISQEDMNKVRDENDTVMDKARV
LIDLVTGKGPKSCCKFIKHLCEEDPQLASKMGLH

Purity:> 95% by HPLC

Concentration:0.5 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.