9051 Mira Mesa Blvd, #910094
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CARD17 Human

Caspase Recruitment Domain Family, Member 17 Human Recombinant
RCP0339

Product Overview

Name	CARD17 Human

Description

Caspase Recruitment Domain Family, Member 17 Human Recombinant

Accession (Primary)	Q5XLA6

Synonyms

CARD17, Caspase Recruitment Domain Family, Member 17, Caspase recruitment domain-containing protein 17, INCA, Caspase-1 inhibitor INCA, Inhibitory caspase recruitment domain protein.

Introduction

Caspase Recruitment Domain Family, Member 17 (CARD17) is a regulator of procaspase-1/CASP1 activation involved in the regulation of the proteolytic maturation of pro-IL-1beta/IL1B and its release throughout inflammation. CARD17 inhibits the release of IL1B in reaction to LPS in monocytes. Though, unlike CASP1, CARD17 do not induce NF-kappa-B activation.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The CARD17 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MADKVLK EKRKQFIRSV GEGTINGLLG ELLETRVLSQ EEIEIVKCEN ATVMDKARAL LDSVIRKGAP ACQICITYIC EEDSHLAGTL GLSAGPTSGN HLTTQDSQIV LPS.

Precautions

CARD17 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q5XLA6)