9051 Mira Mesa Blvd, #910094
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CARD18 Human

Caspase Recruitment Domain Family, Member 18 Human Recombinant
RCP0340

Product Overview

Name	CARD18 Human

Description

Caspase Recruitment Domain Family, Member 18 Human Recombinant

Accession (Primary)	P57730

Synonyms

Caspase recruitment domain family member 18, ICEBERG, pseudo-ICE, UNQ5804, Caspase-1 inhibitor Iceberg, ICEBERG caspase-1 inhibitor.

Introduction

CARD18 belongs to the death-domain-fold superfamily which is induced by proinflammatory stimuli. CARD18 contains basically only a Caspase recruitment domain, inhibits generation of IL-1b by cooperating with caspase-1 and inhibiting connotation with RIP 2. The connotation of CARD18 to caspase-1 is enabled by the charge-charge interactions between the prodomain of caspase-1 and the surface charge of CARD18.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The LSM3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 10% glycerol.

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% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MADQLLRKKR RIFIHSVGAG TINALLDCLL EDEVISQEDM NKVRDENDTV MDKARVLIDL VTGKGPKSCC KFIKHLCEED PQLASKMGLH

Precautions

CARD18 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P57730)