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Datasheet for ABIN7319673

**CRADD Protein**

## Overview

Quantity:	50 µg
Target:	CRADD
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

## Product Details

Purpose:	Recombinant Human CRADD/RAIDD Protein
Sequence:	Met1-Glu199
Characteristics:	Recombinant Human CRADD is produced by our E.coli expression system and the target gene encoding Met1-Glu199 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	CRADD
Alternative Name:	CRADD/RAIDD ( <a href="#">CRADD Products</a> )
Background:	Background: Death Domain-Containing Protein CRADD (CRADD) is widely expressed in most tissues, with particularly high expression in the adult heart, testis, liver, skeletal muscle, fetal liver, and kidney. CRADD contains one CARD domain that mediates the interaction with caspase-2, and one death domain involved in the binding of RIP protein. CRADD functions as an

## Target Details

apoptotic adaptor molecule specific for caspase-2 and FASL/TNF receptor-interacting protein RIP. CRADD induces cell apoptosis/cell death in numerous tissues. Defects in CRADD will result in mental retardation.

Synonym: Death Domain-Containing Protein CRADD, Caspase and RIP Adapter with Death Domain, RIP-Associated Protein with A Death Domain, CRADD, RAIDD

Molecular Weight: 23 kDa

UniProt: [P78560](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.