

# Recombinant Human CRADD/RAIDD Protein

Catalog Number:PKSH033738



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

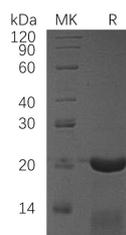
## Description

<b>Synonyms</b>	Death Domain-Containing Protein CRADD;Caspase and RIP Adapter with Death Domain;RIP-Associated Protein with A Death Domain;CRADD;RAIDD
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met1-Glu199
<b>Accession</b>	P78560
<b>Calculated Molecular Weight</b>	23 kDa
<b>Observed molecular weight</b>	21 kDa
<b>Tag</b>	None

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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 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.

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