

# Recombinant Human CASP2 and RIPK1 Domain Containing Adaptor With Death Domain, His-tagged

Cat. No. CRADD-384H Lot. No. (See product label)

## SPECIFICATION

|                                 |   |
|---------------------------------|---|
| <b>Product Overview</b>         | Recombinant CRADD protein was expressed in E.coli and purified by using conventional chromatography techniques, 24.9kDa (219aa).  |
| <b>Species</b>                  | Human   |
| <b>Source</b>                   | E.coli  |
| <b>Description</b>              | CRADD is a 22 kDa, widely-expressed cytosolic adaptor protein. CRADD is a death domain (CARD/DD) containing protein and has been shown to induce cell apoptosis. Through its CARD domain, this protein interacts with, and thus recruits, caspase 2/ICH1 to the cell death signal transduction complex that includes tumor necrosis factor receptor 1 (TNFR1A), RIPK1/RIP kinase, and numbers of other CARD domain-containing proteins. |
| <b>Sequences of amino acids</b> | MGSSHHHHHH SSGLVPRGSH MEARDKQVLR SLRLELGAEV LVEGLVLQYL<br>YQEGILTENH IQEINAQTTG LRKTMMLDI LPSRGPKAFD TFLDSLQFEP<br>WVREKLKKAR EEAMTDL PAG DRLTGIPSHI LNSSPSDRQI NQLAQRLGPE<br>WPEMVL SLGL SQTDIYRCKA NHPHNVSQV VEA FIRWRQR FGKQATFQSL<br>HNGLRAVEVD PSLLLHMLE   |
| <b>Formulation</b>              | Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol   |
| <b>Purity</b>                   | > 95% by SDS - PAGE   |

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**Concentration** 1 mg/ml (determined by Bradford assay)

**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.

## GENE INFORMATION

**Gene Name** [CRADD CASP2 and RIPK1 domain containing adaptor with death domain \[ Homo sapiens \]](#)

**Synonyms** CRADD; CASP2 and RIPK1 domain containing adaptor with death domain; RAIDD; MGC9163; death adaptor molecule RAIDD; death domain containing protein CRADD; caspase and RIP adaptor with death domain; RIP-associated protein with a death domain; RIP-associated ICH1/CED3-homologous protein with death domain

**Gene ID** [8738](#)

**mRNA Refseq** [NM\\_003805](#)

**Protein Refseq** [NP\\_003796](#)

**MIM** [603454](#)

**UniProt ID** [P78560](#)

**Chromosome Location** 12q21.33-q23.1

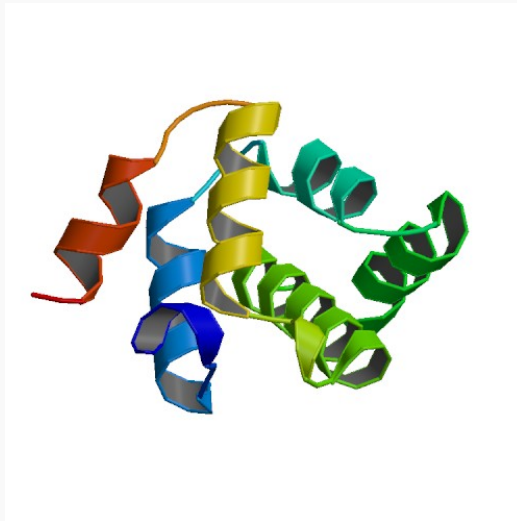
**Function** cysteine-type endopeptidase activity; death domain binding; protease binding; protein binding, bridging

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