

Recombinant Human CRADD, His-tagged

Cat. No. CRADD-28236TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human RAIDD with His tag; 219 amino acids, 24.9kDa.
Species	Human
Source	E.coli
Description	The protein encoded by this gene 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.
Conjugation	HIS
Tissue specificity	Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHH SSSLVPRGSH MEARDKQVLR SLRLELGAEV LVEGLVLQYL
 YQEGILTENH IQEINAQTTG LRKTMLMLDI LPSRGPKAFD TFLDSLQEFP
 WVREKLKKAR EEAMTDLPAG DRLTGIPSHI LNSSPSDRQI NQLAQRLGPE
 WPEMVLSLGL SQTDIYRCKA NHPHNVQSQV VEAFIRWRQR FGKQATFQSL
 HNGLRAVEVD PSLLLHMLE

Sequence Similarities

Contains 1 CARD domain.Contains 1 death domain.

Full Length

Full L.

GENE INFORMATION

Gene Name

CRADD CASP2 and RIPK1 domain containing adaptor with death domain [Homo sapiens]

Official Symbol

CRADD

Synonyms

CRADD; CASP2 and RIPK1 domain containing adaptor with death domain; death domain-containing protein CRADD; RAIDD; 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

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Chromosome Location	12q21.33-q23.1
Pathway	Apoptosis, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Ceramide signaling pathway, organism-specific biosystem; HIV-1 Nef: Negative effector of Fas and TNF-alpha, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	death domain binding; protease binding; protein binding; protein binding, bridging;

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