

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

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

SPECIFICATION

Product Overview	Recombinant CRADD protein was expressed in E.coli and purified by using conventional chromatography techniques, 24.9kDa (219aa).
Species	Human
Source	E.coli
Description	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.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEARDKQVLR SLRLELGAEV LVEGLVLQYL YQEGILTENH IQEINAQTTG LRKTMMLDI LPSRGPKAFD TFLDSLQEF WVREKLKKAR EEAMTDLPA G DRLTGIPSHI LNSSPSDRQI NQLAQLGPE WPEMVLSLGL SQTDIYRCKA NHPHNVQSQV VEA FIRWRQR FGKQATFQSL HNGLRAVEVD PSLLHMLE
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Purity	> 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