

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 TFLDSLQFEP WVREKLKKAR EEAMTDL PAG DRLTGIPSHI LNSSPSDRQI NQLAQLRGPE WEPMVLSLGL 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

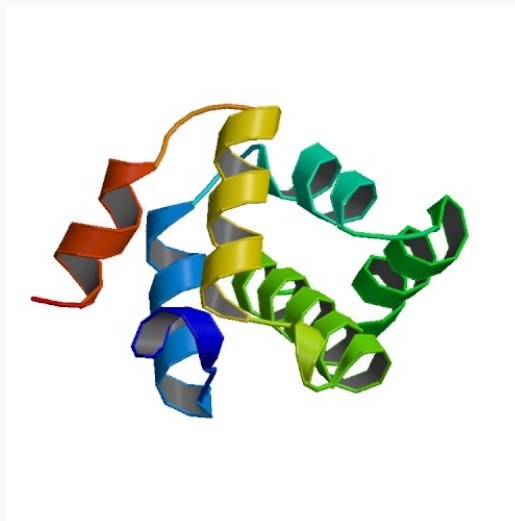
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Concentration	1 mg/ml (determined by Bradford assay)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	CRADD CASP2 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

PDB rendering based
on 2o71.



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