

Recombinant human CRADD protein

Catalog Number: CRA0901

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-199aa

UniProt No.

P78560

NCBI Accession No.

NP_003796

Alternative Names

Caspase and RIP adapter with death domain, RAIDD, CRADD, Caspase and RIP adapter with death domain, Caspase and RIP adapter with death domain CASP2 and RIPK1 domain containing adaptor with death domain, Death adaptor molecule RAIDD, Death domain containing protein CRADD, MGC9163, RIP associated ICH1/CED3 homologous protein with death domain, RIP associated protein with a death domain.

PRODUCT SPECIFICATION

Molecular Weight

24.9 kDa (219aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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receptor 1 (TNFR1A), RIPK1/RIP kinase, and numbers of other CARD domain-containing proteins. Recombinant CRADD protein was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MEARDKQVLR SLRLELGAEV LVEGLVLQYL YQEGILTENH IQEINAQTTG LRKTMLMLDI
LPSRGPKAFD TFLDSLQEFV WVREKLKKAR EEAMTDLPAG DRLTGIPSHI LNSSPSDRQI NQLAQRLGPE WEPMVLSLGL
SQTDIYRCKA NHPHNVSQV VEA FIRWRQR FGKQATFQSL HNGLR AVEVD PSLLHMLE

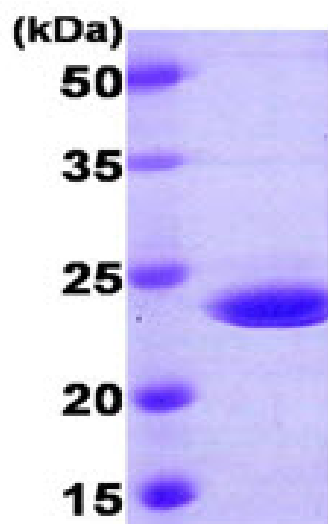
General References

Park HH., (2006). J Mol Biol. 357(2):358-64.

Chou JJ., (1998) Ceil. 94(2):171-80.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)