

## Recombinant Human CRADD Protein

Cat. No. CRADD-526H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRADD was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes a protein containing a death domain (DD) motif. This protein recruits caspase 2/ICH1 to the cell death signal transduction complex, which includes tumor necrosis factor receptor 1 (TNFR1A) and RIPK1/RIP kinase, and acts in promoting apoptosis. A mutation in this gene was associated with mental retardation. A related pseudogene is found on chromosome 3. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
<b>Molecular Mass</b>	23kD
<b>AA Sequence</b>	GSHMEARDKQVLRSLRLELGAEVLVEGLVLQYLYQEGILTENHIQEINAQTTGLRKT MLLLDILPSRGPKAFDTFLDSLQEFVWREKLKKAREEAMTDLPAGDRLTGIPSHILN SSPSDRQINQLAQLRGPEWPEMVLSLGLSQTDIYRCKANHPHNVQSQVVEAFIRWR QRFQKQATFQSLHNGLRAVEVDPSLLLHMLE
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**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; death adaptor molecule RAIDD; caspase and RIP adaptor with death domain; RIP-associated protein with a death domain; RIP-associated ICH1/CED3-homologous protein with death domain; MRT34; MGC9163;

**Gene ID**

8738

**mRNA Refseq**

NM\_003805

**Protein Refseq**

NP\_003796

**MIM**

603454

**UniProt ID**

P78560

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