Recombinant Human CRADD Protein

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

SPECIFICATION

Product Overview	Recombinant Human CRADD was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4
Molecular Mass	23kD
AA Sequence	GSHMEARDKQVLRSLRLELGAEVLVEGLVLQYLYQEGILTENHIQEINAQTTGLRKT MLLLDILPSRGPKAFDTFLDSLQEFPWVREKLKKAREEAMTDLPAGDRLTGIPSHILN SSPSDRQINQLAQRLGPEWEPMVLSLGLSQTDIYRCKANHPHNVQSQVVEAFIRWR QRFGKQATFQSLHNGLRAVEVDPSLLLHMLE
Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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