

Recombinant Human CRADD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CRADD-6155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CRADD MS Standard C13 and N15-labeled recombinant protein (NP_003796) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 cognitive disability. A related pseudogene is found on chromosome 3. Alternative splicing results in multiple transcript variants.
Molecular Mass	22.7 kDa
AA Sequence	MEARDKQVLRSLRLELGAEVLVEGLVLQYLYQEGILTENHIQEINAQTTGLRKTMLLL DILPSRGPKAFDTFLDSLQEFPPWVREKLKKAREEAMTDLPAGDRLTGIPSHILNSSPS DRQINQLAQRLGPEWPEMVLSSLGLSQTDIYRCKANHPHNVQSQVVEAFIRWRQRF GKQATFQSLHNGLRAVEVDPSLLLHMLETRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CRADD CASP2 and RIPK1 domain containing adaptor with death domain [Homo sapiens (human)]
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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SDS-PAGE

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