

Recombinant Full Length Human CRADD Protein, C-Flag-tagged

Cat. No. CRADD-1196HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human CRADD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

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.

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

22.6 kDa

AA Sequence

MEARDKQVLRSLRLELGAEVLVEGLVLQYLYQEGILTENHIQEINAQTTGLRKTMLLL
 DILPSRGPKAxFD TFLDSLQEFPWVREKLLKAREEAMTDLPAGDRLTGIPSHILNSSP
 SDRQINQLAQRLGPEWEPMVLSLGL
 SQTDIYRCKANHPHNVQSQVVEAFIRWRQRFGKQATFQSLHNGLRAVEVDPSLLHH
 MLETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	CRADD CASP2 and RIPK1 domain containing adaptor with death domain [Homo sapiens (human)]
Official Symbol	CRADD
Synonyms	MRT34; RAIDD
Gene ID	8738
mRNA Refseq	NM_003805.5
Protein Refseq	NP_003796.1

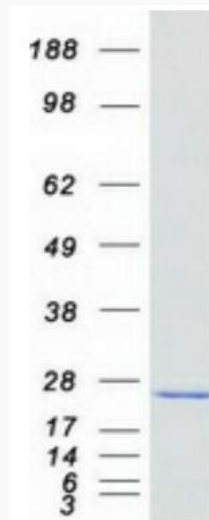
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MIM 603454

UniProt ID P78560



Coomassie blue staining of purified CRADD protein.

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