

## Product datasheet for **TP720921**

### RAIDD (CRADD) (NM\_003805) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human CASP2 and RIPK1 domain containing adaptor with death domain (CRADD)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Glu199
Tag:	Tag Free
Predicted MW:	23 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_003796</a>
Locus ID:	8738
UniProt ID:	<a href="#">P78560</a> , <a href="#">Q53XL1</a>
RefSeq Size:	1201
Cytogenetics:	12q22
RefSeq ORF:	597
Synonyms:	MRT34; RAIDD



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**Summary:**

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. [provided by RefSeq, Feb 2016]

**Protein Families:**

Druggable Genome