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Product datasheet for TP502001

Cradd (NM_009950) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CASP2 and RIPK1 domain containing adaptor with death domain (Cradd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202001 protein sequence Red=Cloning site Green=Tags(s) MEARDKQVLRSLRLELGAEVLVEGLVLQYLYQEGILTENHIQEIKAQTTGLRKTMLLLDILPSRGPKAFD TFLDSLQEFPWVREKLEKAREEVTAELPTGDWMAGIPSHILSSSPSDQQINQLAQRLGPEWEPVVLSLGL SQTDIYRCKANHPHNVHSQVVEAFVRWRQRFGKQATFLSLHKGLQAVEADPSLLQHMLE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	22.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034080
Locus ID:	12905
UniProt ID:	O88843, Q549T4
RefSeq Size:	1650
Cytogenetics:	10 49.26 cM

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RefSeq ORF:	600
Synonyms:	RAIDD

Summary: Adapter protein that associates with PIDD1 and the caspase CASP2 to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis. Also recruits CASP2 to the TNFR-1 signaling complex through its interaction with RIPK1 and TRADD and may play a role in the tumor necrosis factor-mediated signaling pathway.[UniProtKB/Swiss-Prot Function]