

Recombinant Mouse Card14 Protein, Myc/DDK-tagged

Cat. No. Card14-1963M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length caspase recruitment domain family, member 14 (Card14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a scaffolding protein that can activate the inflammatory transcription factor NF-kappa-B and p38/JNK MAP kinase signaling pathways. Forms a signaling complex with BCL10 and MALT1, and activates MALT1 proteolytic activity and inflammatory gene expression. MALT1 is indispensable for CARD14-induced activation of NF-kappa-B and p38/JNK MAP kinases. May play a role in signaling mediated by TRAF2, TRAF3 and TRAF6 and protects cells against apoptosis.
Molecular Mass	113.9 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name	Card14 caspase recruitment domain family, member 14 [Mus musculus (house mouse)]
Official Symbol	Card14
Synonyms	CARD14; caspase recruitment domain family, member 14; caspase recruitment domain-containing protein 14; bcl10-interacting MAGUK protein 2; Bimp2; CARMA2
Gene ID	170720
mRNA Refseq	NM_130886
Protein Refseq	NP_570956
UniProt ID	Q99KF0

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