Datasheet for ABIN2713159
# CARD11 Protein (Myc-DYKDDDDK Tag)

**1** Image

## Overview

| | |
|---|---|
| Quantity: | 20 μg |
| Target: | CARD11 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CARD11 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

| | |
|---|---|
| Characteristics: | • Recombinant human CARD11 / CARMA1 protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

| | |
|---|---|
| Target: | CARD11 |
| Alternative Name: | Card11,carma1 (CARD11 Products) |
| Background: | The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of |

## Target Details

|  |  |
|---|---|
|  | CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. |
| Molecular Weight: | 133.1 kDa |
| NCBI Accession: | NP_115791 |
| Pathways: | TCR Signaling, Fc-epsilon Receptor Signaling Pathway, BCR Signaling |

## Application Details

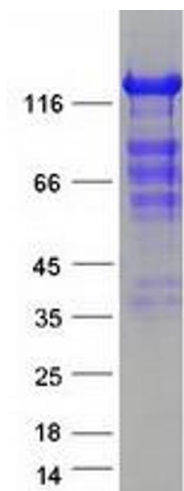|  |  |
|---|---|
| Application Notes: | Recombinant human proteins can be used for: <br><br> Native antigens for optimized antibody production <br><br> Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

## Handling

|  |  |
|---|---|
| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

# Images



**Western Blotting**

**Image 1.** Validation with Western Blot