

## Recombinant Human CARD16 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CARD16-6035H    **Lot. No.** (See product label)

### SPECIFICATION

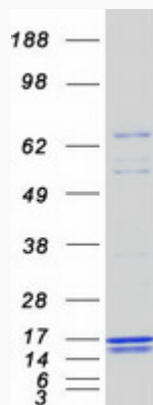
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| <b>Product Overview</b> | CARD16 MS Standard C13 and N15-labeled recombinant protein (NP_443121) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | CARD16 (Caspase Recruitment Domain Family Member 16) is a Protein Coding gene. Diseases associated with CARD16 include Nodular Lymphocyte Predominant Hodgkin Lymphoma and Panhypopituitarism, X-Linked. Among its related pathways are NOD-like receptor signaling pathway. Gene Ontology (GO) annotations related to this gene include cysteine-type endopeptidase inhibitor activity. An important paralog of this gene is CASP1. |
| <b>Molecular Mass</b>   | 10.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MRKAMADKVLKEKRKLFHSMGEGTINGLLDELLQTRVLNQEEMEKVKRENATVMD<br>KTRALIDSVIPKGAQACQICITYICEEDSYLAETLGLSAGPIPGNTRTRPLEQKLISEED<br>LAANDILDYKDDDDKV                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                                                                                                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>        | CARD16 caspase recruitment domain family member 16 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | CARD16                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>         | CARD16; caspase recruitment domain family, member 16; caspase recruitment domain-containing protein 16; COP; COP1; PSEUDO ICE; CARD only protein; caspase-1 inhibitor COP; CARD only domain-containing protein 1; pseudo interleukin-1beta converting enzyme; pseudo interleukin-1 beta converting enzyme; caspase-1 dominant-negative inhibitor pseudo-ICE; PSEUDO-ICE; |
| <b>Gene ID</b>          | 114769                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_052889                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_443121                                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>              | 615680                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>       | Q5EG05                                                                                                                                                                                                                                                                                                                                                                   |

**SDS-PAGE**

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