

# Recombinant Human CARD16 Protein, GST-tagged

**Cat. No.** CARD16-1690H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human COP1 full-length ORF ( NP_443121.1, 1 a.a. - 97 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | CARD16 (Caspase Recruitment Domain Family Member 16) is a Protein Coding gene. Among its related pathways are Toll-Like receptor Signaling Pathways. GO annotations related to this gene include cysteine-type endopeptidase inhibitor activity. An important paralog of this gene is CARD17. |
| <b>Molecular Mass</b>   | 37.1 kDa                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MADKVLKEKRKLFHSMGEGTINGLLDELLQTRVLNQEEMEKVKRENATVMDKTRAL<br>IDSVIPKGAQACQCICITYICEEDSYLAETLGLSAGPIPGN                                                                                                                                                                                         |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                             |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                      |

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**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [CARD16 caspase recruitment domain family, member 16 \[ Homo sapiens \]](#)

**Official Symbol** [CARD16](#)

**Synonyms** 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;

**Gene ID** [114769](#)

**mRNA Refseq** [NM\\_001017534](#)

**Protein Refseq** [NP\\_001017534](#)

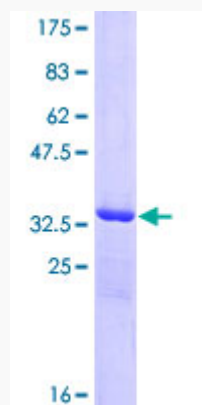
**MIM** [615680](#)

**UniProt ID** [Q5EG05](#)

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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