

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

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

SPECIFICATION

Product Overview	CARD16 MS Standard C13 and N15-labeled recombinant protein (NP_443121) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	10.6 kDa
AA Sequence	MRKAMADKVLKEKRKLFHSMGEGTINGLLDELLQTRVLNQEEMEKVKRENATVMD KTRALIDSVIPKGAQACQICITYICEEDSYLAETLGLSAGPIPGNTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CARD16 caspase recruitment domain family member 16 [Homo sapiens (human)]
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_052889
Protein Refseq	NP_443121
MIM	615680
UniProt ID	Q5EG05

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