

Recombinant Human PYCARD Protein, Myc/DDK-tagged

Cat. No. PYCARD-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human PYD and CARD domain containing (PYCARD), transcript variant 1 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes an adaptor protein that is composed of two protein-protein interaction domains: a N-terminal PYRIN-PAAD-DAPIN domain (PYD) and a C-terminal caspase-recruitment domain (CARD). The PYD and CARD domains are members of the six-helix bundle death domain-fold superfamily that mediates assembly of large signaling complexes in the inflammatory and apoptotic signaling pathways via the activation of caspase. In normal cells, this protein is localized to the cytoplasm; however, in cells undergoing apoptosis, it forms ball-like aggregates near the nuclear periphery. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	21.4 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name PYCARD PYD and CARD domain containing [Homo sapiens (human)]

Official Symbol PYCARD

Synonyms PYCARD; PYD and CARD domain containing; ASC; TMS; TMS1; CARD5; TMS-1; apoptosis-associated speck-like protein containing a CARD; caspase recruitment domain-containing protein 5; target of methylation-induced silencing 1

Gene ID 29108

mRNA Refseq NM_013258

Protein Refseq NP_037390

MIM 606838

UniProt ID Q9ULZ3

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