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

Cat. No. PYCARD-3266H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PYCARD MS Standard C13 and N15-labeled recombinant protein (NP_660183) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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	20 kDa
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.

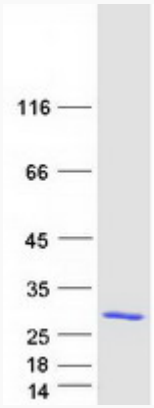
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	PYCARD PYD and CARD domain containing [Homo sapiens (human)]
Official Symbol	PYCARD
Synonyms	PYCARD; PYD and CARD domain containing; apoptosis-associated speck-like protein containing a CARD; ASC; CARD5; TMS 1; target of methylation-induced silencing 1; caspase recruitment domain-containing protein 5; TMS; TMS1; TMS-1; MGC10332;
Gene ID	29108
mRNA Refseq	NM_145182
Protein Refseq	NP_660183
MIM	606838
UniProt ID	Q9ULZ3

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SDS-PAGE	

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